

Wm. Anderson

ONE HUNDRED AND SEVENTH

ANNUAL

CATALOGUE

OF

DICKINSON COLLEGE.



ACADEMICAL YEAR

1889-90.

1890.

JANUARY.

S	M	T	W	T	F	S
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1891.

JANUARY.

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APRIL.

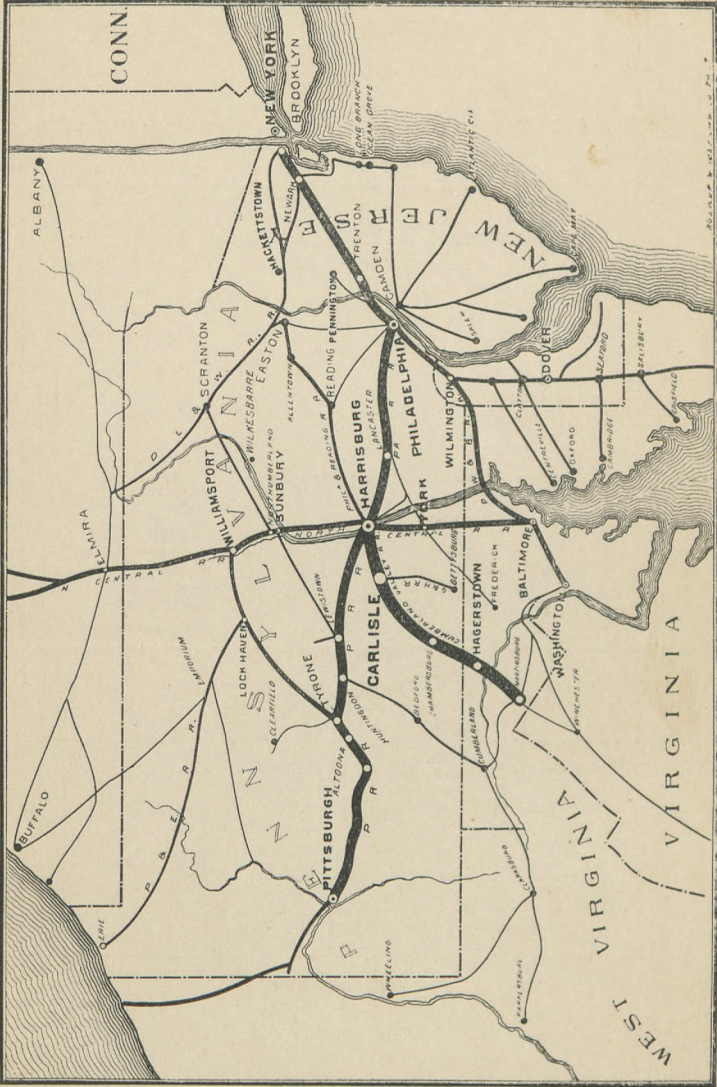
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JUNE.

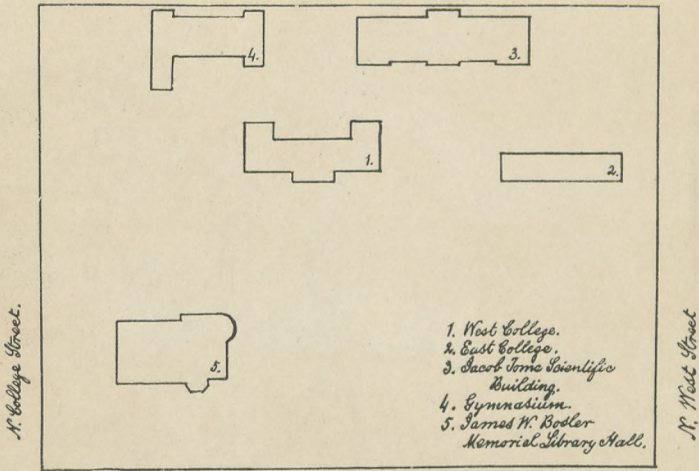
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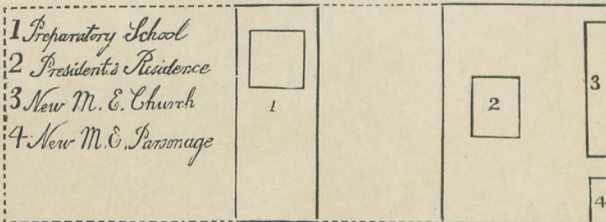
DICKINSON COLLEGE,

CARLISLE, PA.

W. Luther Street.



W. Main Street.



DICKINSON COLLEGE

FOUNDED
1783



WEST COLLEGE



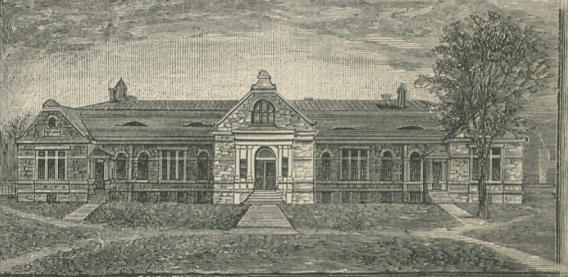
EAST COLLEGE



GYMNASIUM



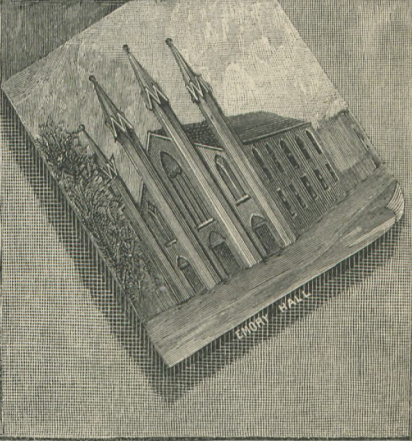
SOUTH COLLEGE



TOME SCIENTIFIC BUILDING



JAMES W. BOSLER MEMORIAL HALL



EMBURY HALL

107th ANNUAL CATALOGUE

OF

DICKINSON COLLEGE

FOR THE

ACADEMICAL YEAR

1889-90.

CARLISLE, PA.
PUBLISHED BY THE COLLEGE,
MLCCCXC.

WILLIS McDONALD & Co., PRINTERS,
39-43 Gold Street, N. Y.

COLLEGE CALENDAR, 1889-90.

FALL TERM, 1889.

Sept.	18, Wednesday.	Examinations for Admission.
Sept.	19, Thursday.	Fall Term begins.
Nov.	28, Thursday.	Thanksgiving.
Dec.	20, Friday.	Fall Term ends.

WINTER TERM, 1890.

Jan.	7, Tuesday.	Winter Term begins.
Jan.	30, Thursday.	Day of Prayer for Colleges; sermon by Rev. Henry A. Buttz, D.D., LL.D.
Feb.	21, Friday.	Anniversary of the Belles Lettres Society.
Feb.	22, Saturday.	Washington's Birthday.
Feb.	22, Saturday, 8 P. M.	Gymnasium Exhibition
Feb.	23, Friday.	Anniversary of the Union Philosophical Society.
April	3, Thursday, 12 M.	Winter Term ends.

SPRING TERM, 1890.

April	8, Tuesday.	Spring Term begins.
April	25, Friday.	Prize Debate between Belles Lettres and Union Philosophical Societies.
May 15-23,		Senior Final Examinations.
May	23, Friday.	Belles Lettres Sophomore Oratorical Prize Contest.
May	30, Friday.	Union Philosophical Sophomore Oratorical Prize Contest.
June 5-13,		Final Examinations of Junior, Sophomore and Freshman Classes.
June	14, Saturday, 8 P. M.	Walkley Senior Oratorical Contest.
June	15, Sunday, 11 A. M.	Baccalaureate by the President.
June	15, Sunday, 8 P. M.	Sermon before the College Young Men's Christian Association.
June	16, Monday, 8 P. M.	Junior Oratorical Contest for the Pierson Prizes.
June	17, Tuesday, 10 A. M.	Annual Meeting of the Phi Beta Kappa Society.
June	17, Tuesday, 3 P. M.	Annual Meeting of Board of Trustees.
June	17, Tuesday, 4.30 P. M.	Gymnasium Exhibition.
June	17, Tuesday, 8 P. M.	Oration before the Literary, and Phi Beta Kappa Societies.
June	18, Wednesday, 8.30 A. M.	Examinations for Admission.
June	18, Wednesday, 9 A. M.	Annual Meeting of the General Belles Lettres, and Union Philosophical Societies.
June	18, Wednesday, 10 A. M.	Class Day.
June	18, Wednesday, 3 P. M.	Annual Meeting of the Alumni Association.
June	18, Wednesday, 8 P. M.	Alumni Oration and Poem.
June	19, Thursday, 10 A. M.	Commencement.

FALL TERM, 1890.

Sept.	10, Wednesday.	Examinations for Admission.
Sept.	11, Thursday.	Fall Term begins.

ORGANIZATION.

DICKINSON COLLEGE was founded in 1783, and the original incorporating act, approved September 9th of that year, constitutes, by name, a board of forty trustees, "with perpetual succession, by the name, style and title of the trustees of Dickinson College, in the borough of Carlisle, in the county of Cumberland." It vests this body, among other usual powers, with that of ultimate authority in discipline; and requires for induction into office, in the case of trustees, principal and professors, the taking and subscribing of prescribed oaths or affirmations.

By a supplementary act, approved February 13, 1826, a provision that, in filling vacancies, only clergymen shall be eligible to succeed clergymen, was repealed, and it was provided "that not more than one-third of the trustees shall, at any one time, be clergymen."

By a supplementary act, April 10, 1834, shortly after the College came under its present control, the principal of the College for the time being was made *ex-officio* president of the board of trustees with all the rights of any other member of the board; and the board of trustees was given full power, under specified conditions, "to declare the seats of members vacant," and to fill the same; and the discipline of the College was "essentially vested in the professors and faculty, they being held responsible for the proper exercise of the same."

In 1879, an amendment was made limiting the term of office of trustees to four years, but declaring the incumbent eligible for reelection, and dividing the body into four equal classes, in such way that the terms of one-fourth of its members expire each year.

By an amendment in 1889, the requirement of oath or affirmation for induction of trustees into office was changed to a requirement to subscribe, in a permanent record book, to an obligation accepting the office of trustee, and promising "to discharge the duties of said office with diligence, fidelity and impartiality."

BOARD OF TRUSTEES.

<i>Name.</i>	<i>Residence.</i>	<i>Term Expires.</i>
Rev. GEORGE E. REED, D.D., LL.D., <i>ex-officio.</i>	Carlisle.	
Rev. Bishop JOHN F. HURST, D.D., LL.D.	Washington, D. C.	1893
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WILLIAM R. WOODWARD, Esq.	Washington, D. C.	1893
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WILLIAM H. BODINE, Esq.	Williamstown, N. J.	1891
Rev. THOMPSON MITCHELL, D.D.	Williamsport.	1890
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THOMAS MALLALIEU, Esq.	Millington, Md.	1890
Hon. WILBUR F. SADLER	Carlisle.	1892
CHARLES H. MULLIN, Esq.	Mt. Holly Springs.	1892
Hon. CHARLES E. HENDRICKSON	Mt. Holly, N. J.	1893
CHARLES W. MCKEEHAN, Esq.	Philadelphia	1891
Rev. WILLIAM J. PAXSON, D.D.	Chester.	1892
MORDECAI W. JACKSON, Esq.	Berwick.	1890
Hon. JOHN B. STORM.	Stroudsburg.	1890
Rev. WILLIAM L. BOSWELL	Philadelphia.	1891
HUGH PITCAIRN, M.D.	Harrisburg	1893
Gen. JOHN PATTON	Curwensville.	1890
Gen. CLINTON B. FISK	Seabright, N. J.	1891
GERMAN H. HUNT, Esq.	Baltimore, Md.	1890
Hon. JACOB TOME	Port Deposit, Md.	1891

*Deceased.

<i>Name.</i>	<i>Residence.</i>	<i>Term Expires.</i>
Hon. JESSE H. DIVERTY.....	South Dennis, N. J.	1891
JAMES LONG, Esq.....	Philadelphia.....	1891
Rev. DAVID H. CARROLL, D.D.....	Baltimore, Md.....	1893
THOMAS BEAVER, Esq.....	Danville.....	1892
Hon. JOHN A. J. CRESWELL.....	Washington, D. C.....	1892
WILLIAM J. JONES, Esq.....	Elkton, Md.....	1890
Rev. LUTHER T. WIDERMAN.....	Baltimore, Md.....	1891
Rev. RICHARD CLAY JONES, A.M.....	Odessa, Del.....	1891
Rev. WILLIAM W. EVANS, D.D.....	Carlisle.....	1890
Rev. JOHN H. DASHIELL, D.D.....	Washington, D. C.....	1893
WILLIAM C. ALLISON, Esq.....	Philadelphia.....	1892

OFFICERS OF THE BOARD.

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 Prof. CHARLES F. HIMES, Ph. D., Secretary.
 Prof. HENRY C. WHITING, Ph. D., Treasurer.

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CHARLES J. BAKER, Esq.,	JAMES LONG, Esq.,
WILLIAM H. BODINE, Esq.,	CHARLES H. MULLIN, Esq.,
THOMAS BEAVER, Esq.,	Gen. JOHN PATTON,
Rev. DAVID H. CARROLL, D.D.,	Hon. WILBUR F. SADLER,
Gen. CLINTON B. FISK,	Hon. JOHN B. STORM,
Hon. CHARLES E. HENDRICKSON,	Hon. JACOB TOME.

LOCAL EXECUTIVE COMMITTEE.

Rev. GEORGE EDWARD REED, D.D., LL.D., <i>ex-officio</i> ,	
Hon. WILBUR F. SADLER,	CHARLES H. MULLIN, Esq.,
HUGH PITCAIRN, M.D.,	Rev. WILLIAM W. EVANS D.D.

CONFERENCE VISITORS—1889.

Baltimore Conference.

REV. G. G. BAKER,
REV. J. PAUL WRIGHT,
CHAS. W. SLAGLE, Esq.,
E. H. FOWLER, Esq.

Philadelphia Conference.

REV. S. A. HEILNER,
REV. D. W. GORDON,
A. D. HARRINGTON, Esq.,
J. E. JAMES, M.D.

Central Pennsylvania Conference.

REV. W. A. HOUCK,
REV. T. S. WILCOX,
REV. G. A. SINGER,
REV. A. R. MILLER,
REV. J. A. WOOD, Jr.

New Jersey Conference.

REV. J. G. REED,
REV. JAMES MOORE.

Wilmington Conference.

REV. T. E. TERRY,
REV. ADAM STENGLE,
W. H. JACKSON, Esq.,
GEO. W. TODD, Esq.

Alumni Visitors to the Board of Trustees.

REV. JOHN Y. DOBBINS, D.D.,
HENRY P. CANNON, Esq.,
Gen. HORATIO C. KING.

THE FACULTY.

REV. GEORGE E. REED, D.D., LL.D., PRESIDENT,
AND PROFESSOR OF MORAL SCIENCE.
(*Residence: West High Street.*)

CHARLES F. HIMES, PH. D.,
PROFESSOR OF PHYSICS.
(*Residence: 94 West Louther Street.*)

REV. HENRY M. HARMAN, D.D., LL.D.,
PROFESSOR OF GREEK AND HEBREW, AND LIBRARIAN.
(*Residence: 115 West Louther Street.*)

REV. HENRY C. WHITING, PH. D.,
PROFESSOR OF LATIN.
(*Residence: 85 West Louther Street.*)

REV. AARON RITTENHOUSE, D.D.,
THOMAS BEAVER PROFESSOR OF ENGLISH LITERATURE AND
HISTORY.
(*Residence: West College.*)

FLETCHER DURELL, PH. D.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.
(*Residence: 9 South West Street.*)

OVANDO B. SUPER, PH. D.,
PROFESSOR OF MODERN LANGUAGES.
(*Residence: 113 West Louther Street.*)

JAMES H. MORGAN, A.M.,
ADJUNCT PROFESSOR OF GREEK.
(*Residence: West College.*)

WILLIAM B. LINDSAY, A.B., B.S.,

PROFESSOR OF CHEMISTRY.

(*Residence: 109 West Louther Street.*)

REV. LYMAN J. MUCHMORE, A.M.,

INSTRUCTOR IN PHYSIOLOGY, HYGIENE AND PHYSICAL CULTURE.

(*Residence: 66 South West Street.*)

PROF. JAMES H. MORGAN, A.M.,

ASSISTANT LIBRARIAN (*in charge*).

1890-91.

REV. BISHOP JOHN F. HURST, D.D., LL.D.,

LECTURER ON CHURCH HISTORY AND LITERATURE.

DEGREES CONFERRED JUNE 27, 1889.

IN COURSE.

Bachelor of Arts.

CHARLES W. M. BLACK, *primus inter pares*.

ELMER E. DEEMER,	LEWIS A. PARSELS,
MARY EVANS,	CHARLES W. STRAW,
OLIVER MORDORF,	JENNIE M. TAYLOR,
GEORGE V. MORRIS,	HENRY F. WHITING.

Bachelor of Philosophy.

CHRISTOPHER C. BALDWIN,	JOHN H. MURRAY,
CHARLES A. B. HOUCK,	FRANCIS A. PAXSON,
ALICE KRONENBERG,	MORRIS E. SWARTZ,
WILLIAM A. MILLARD,	ALBERT D. YOCUM.

Certificate for Partial Course.

MARY M. HIMES.

Master of Arts.

ISAAC L. WOOD, Class of 1884.	J. FRED HEISSE, Class of 1886,
FRANK T. BAKER, Class of 1885.	STEPHEN M. MORGAN, Class of
CHARLES E. BIKLE, Class of 1886.	1886.
RALPH T. COURSEY, Class of 1886,	WILMER W. SALMON, Class of 1886,
EDWARD E. DIXON, Class of 1886,	JOHN H. SCHIVELY, Class of 1886.

Master of Science.

THOMAS N. CONRAD, Class of 1857,
 WILBER M. STINE, Class of 1886.

HONORARY.

Master of Arts.

CHARLES B. WILLITTS, M. D., Rev. E. OLIN ELDRIDGE.

Doctor of Philosophy.

HUGH A. CURRAN, Class of 1860.

Doctor of Divinity.

Rev. JOHN Y. DOBBINS,	Rev. C. HERBERT RICHARDSON,
Rev. WATSON L. PHILLIPS,	Rev. WILLIAM S. ROBINSON,
	Rev. GEORGE B. WIGHT.

Doctor of Laws.

HON. JAMES A. BEAVER,	Rev. HENRY B. RIDGAWAY, D.D.,
Rev. CHARLES F. DEEMS, D.D.,	HON. STEWART L. WOODFORD.

STUDENTS.

GRADUATE STUDENTS.

NAME.	RESIDENCE.	ROOM.
Whiting, Henry Freeman, A.B.,	<i>Carlisle</i> ,.....	Dr. H. C. Whiting's.
	(Latin and Mathematics.)	
Shearer, Wm. J., Jr., A.B.,.....	<i>Carlisle</i> ,.....	W. High St.
	(Chemical Laboratory.)	
Morris, George Vanderveer, A.B.,	<i>Cincinnati, O.</i> ,.....	Madison, N. J.
	(English Literature, Evidences and History.)	

SENIOR CLASS, '90.

Classical Section.

NAME.	RESIDENCE.	ROOM.
Crowder, Frank W.,.....	<i>Baltimore, Md.</i> ,.....	40 W. C.
Glover, J. Wesley,.....	<i>Selin's Grove</i> ,.....	37 E. C.
Hamilton, John Thomas,.....	<i>Granite, Md.</i> ,.....	38 E. C.
Smith, Lauran Fullerton,.....	<i>Hagerstown, Md.</i> ,.....	47 W. C.
Taylor, Wm. Prettyman,.....	<i>Dover, Del.</i> ,.....	43 E. C.
Urner, Hammond,.....	<i>Frederick, Md.</i> ,.....	33 E. C.
Wallace, Samuel Stewart,.....	<i>Deal's Island, Md.</i> ,.....	5 E. C.
Zimmerman, Albert Herman,...	<i>Carlisle</i> ,.....	106 W. South St.

Latin-Scientific Section.

McComas, Joseph Patton,.....	<i>Hagerstown, Md.</i> ,.....	4 E. C.
Pearce, Wilbur Martin,.....	<i>Belfast, Md.</i> ,.....	31 E. C.

Modern Language Section.

Griffith, Albert Spencer,.....	<i>Williamsport, Md.</i> ,.....	38 E. C.
Turpin, Charles J.,.....	<i>Tom's River, N. J.</i> ,.....	8 E. C.
Webbert, Charles Walter,*.....	<i>Bouling Springs</i> ,.....	5 E. C.

* Partial Course.

JUNIOR CLASS, '91.

Classical Section.

NAME.	RESIDENCE.	ROOM.
Boyer, Samuel Christian,	<i>Port Clinton,</i>	43 W. C.
Budd, Henry G.,	<i>Smyrna, Del.,</i>	41 W. C.
Cross, Elmer L.,	<i>Plymouth, Mo.,</i>	28 E. C.
Lewis, Cloyd,	<i>Frederick, Md.,</i>	4 E. C.
Low, Elizabeth A.,	<i>Lime Ridge,</i>	28 S. West St.
Millet, Abraham Lincoln,	<i>Philadelphia,</i>	42 E. C.
Mills, George Edward,	<i>Danville,</i>	49 W. C.
Moore, Frank,	<i>Asbury Park, N. J.,</i>	33 E. C.
Neal, Harry J.,	<i>Joliet,</i>	1 E. C.
Prettyman, William C.,	<i>Upper Fairmount, Md.,</i>	48 W. C.
Shaeffer, William J.,	<i>Halfenstein,</i>	13 E. C.
Stock, Harry Bixler,	<i>Carlisle,</i>	Mr. J. C. Stock's.
String, William Paxson	<i>Philadelphia,</i>	42 W. C.

Latin-Scientific Section.

Heberling, Julius Rimmel,	<i>Mauch Chunk,</i>	23 E. C.
Illingworth, Ralph W.,	<i>Philadelphia,</i>	49 W. C.
Landis, William W.,	<i>Coatesville,</i>	8 E. C.
Lewis, Samuel A.,	<i>Foxville, Md.,</i>	24 E. C.
Sudler, Foster,	<i>Sudlersville, Md.,</i>	44 W. C.

Modern Language Section.

Gifford, Edward S.,	<i>Philadelphia,</i>	19 E. C.
Longsdorf, Jessica Dale,	<i>Carlisle,</i>	Dr. W. H. Longsdorf's.
Whiting, M. Leonora,	<i>Carlisle,</i>	Dr. H. C. Whiting's.

SOPHOMORE CLASS, '92.

Classical Section.

NAME.	RESIDENCE.	ROOM.
Ames, Chester N.,	<i>Carlisle,</i>	W. Louthier St.
Curran, J. Harris,	<i>Bloomsburg,</i>	35 E. C.
Evans, Frysinger,	<i>Carlisle,</i>	Dr. W. W. Evans'.
Eveland, Wilson Perry,	<i>Philadelphia,</i>	7 E. C.
Fasick, Augustus S.,	<i>Mifflintown,</i>	1 E. C.
Fletcher, Frederick H.,	<i>Cambridge, Md.,</i>	20 E. C.
Greer, Charles C.,	<i>Johnstown,</i>	35 E. C.
Hynson, John L.,	<i>Church Hill, Md.,</i>	25 E. C.
McCrea, Abel C. T.,	<i>Wilmington, Del.,</i>	26 E. C.
McAllister, Edward S. J.,	<i>Dover, Del.,</i>	26 E. C.
Northrup, Van P.,	<i>Hurlock, Md.,</i>	25 E. C.
Prettyman, Virgil,	<i>Upper Fairmount, Md.,</i>	48 W. C.
Price, Joseph H.,	<i>Philadelphia,</i>	7 E. C.
Roberts, William T.,	<i>Pottstown,</i>	9 E. C.

Latin-Scientific Section.

Beetem, S. Harvey,	<i>Carlisle,</i>	58 S. West St.
Brandt, John Austin,	<i>Harrisburg,</i>	20 E. C.
Hutchison, William A.,	<i>Townsend, Del.,</i>	44 W. C.
Patton, William F.,	<i>Curwensville,</i>	21 E. C.
Stephens, Henry M.,	<i>Williamsport,</i>	9 E. C.

Modern Language Section.

Frownfelter, Geo. M.,	<i>Harrisburg,</i>	11 E. C.
Gardner, Edwin,*	<i>Chesapeake City, Md.,</i>	29 E. C.
Gardner, Frank,	<i>Chesapeake City, Md.,</i>	29 E. C.
Hepburn, Charles J.,	<i>Carlisle,</i>	Mr. Sam'l Hepburn's.
Hepburn, William W.,	<i>Carlisle,</i>	Mr. Sam'l Hepburn's.
Mack, Minnie M.,	<i>Wellsboro,</i>	80 W. Louthier St.
McGirk, Charles E.,	<i>Philipsburg,</i>	46 W. C.
Pettinos, Charles E.,	<i>Carlisle,</i>	Mansion House.

* Partial Course.

FRESHMAN CLASS, '93.

Classical Section.

NAME.	RESIDENCE.	ROOM.
Baker, C. McCoy,	Hagerstown, Md.,	20 S. C.
Baker, J. Henry,	Pomona, Md.,	6 E. C.
Curry, William M.,	Danville,	16 E. C.
Evans, Thomas H.,	Wiconisco,	11 E. C.
Filler, Mervin Grant,	Boiling Springs,	Mr. P. P. Filler's.
Foster, Carlton Hunt,	New York City,	47 W. C.
Goodall, Richard J.,	Danville,	16 E. C.
Harvey, Francis B.,	Childs, Md.,	39 E. C.
Hays, George Metzger,	Carlisle,	Mr. Jno. Hays'
Hinchliffe, Edwin,	Elkton, Md.,	39 E. C.
Hughes, James H.,	Washington, D. C.,	11 E. C.
Masters, Nathaniel Barton,	Mariner's Harbor, N. Y.,	Woodward House.
McAlarney, Robert Emmett,	Harrisburg,	41 W. C.
Palmer, Edward Ernest,	Washington, D. C.,	12 E. C.
Randolph, Herbert F.,	Milford,	Woodward House.
Shiple, George Wilbur,	Harman's, Md.,	6 E. C.
Simmons, Thurston Mayfield,	Thurston, Md.,	40 E. C.
Sitler, Harry E.,	Berwick,	40 E. C.
Storm, Arthur L.,	Stroudsburg,	22 E. C.
Strite, Louis E. McC.,	Leitersburg, Md.,	22 E. C.
Terhune, Cyrus A.,	Brooklyn, N. Y.,	Woodward House.
Weech, Charles Sewell,	Reisterstown, Md.,	31 E. C.

Latin-Scientific Section.

Awl, J. Wesley,	Harrisburg,	40 W. C.
Downes, Fred. E.,	Port Chester, N. Y.,	14 E. C.
Leaverton, Richard C.,	Chestertown, Md.,	27 E. C.
Strominger, Lillie,	Lewisberry,	E. Luther St.
Vanderbilt, Cornelius Eby,	Carlisle,	S. West St.

Modern Language Section.

NAME.	RESIDENCE.	ROOM.
Bosler, Joseph,	<i>Carlisle,</i>	W. High St.
Gring, D. M. C., Jr.,	<i>Carlisle,</i>	Mr. D. M. C. Gring's.
Humrich, Mary Ann,	<i>Carlisle,</i>	Mr. C. P. Humrich's.
Kessler, Geo. W., Jr.,	<i>Altoona,</i>	46 W. C.
Klink, K. May,	<i>Carlisle,</i>	Mr. Alex. Klink's.
Kulp, Edwin J.,	<i>Trenton, N. J.,</i>	44 E. C.
Kurtz, J. Banks,	<i>Thompsontown,</i>	37 E. C.
Lord, David,	<i>Philadelphia,</i>	17 E. C.
Mapes, Rena R.,	<i>Florida, N. Y.,</i>	Rev. E. L. Mapes'.
Maxwell, Maggie Jane,	<i>Newville,</i>	Mr. A. M. Maxwell's.
Sellers, Montgomery Porter,	<i>Carlisle,</i>	Mr. F. B. Sellers'.
Spencer, Laura,	<i>Carlisle,</i>	S. West St.
Weibley, E. Grace,	<i>Carlisle,</i>	Dr. W. H. Longsdorf's.
Westwood, Herbert W.,	<i>Camden, N. J.,</i>	19 E. C.
Wilson, John,	<i>Still Pond, Md.,</i>	27 E. C.
Wooden, Morris,	<i>Hampstead, Md.,</i>	10 E. C.

SPECIAL STUDENTS.

Allison, William C,	<i>Philadelphia,</i>	Dr. Barnum's.
Bosler, Frank,	<i>Carlisle,</i>	Mrs. J. W. Bosler's.
Dakin, Charles,	<i>Mt. Holly,</i>	Mt. Holly.
Richardson, James T.,	<i>Gratchelville,</i>	13 E. C.
Sadler, Wilbur F., Jr.,	<i>Carlisle,</i>	Hon. W. F. Sadler's.
Shoemaker, Homer,	<i>Wallaceton,</i>	24 E. C.

HEBREW ELECTIVE COURSE.

SENIOR SECTION.

Glover, J. Wesley,
Hamilton, John T.,

Taylor, Wm. Prettyman,
Zimmerman, Albert H.

JUNIOR SECTION.

Budd, Henry G.,
Cross, Elmer L.,

Illingworth, Ralph W.,
Richardson, James T.

PRACTICAL SCIENTIFIC COURSE.

SENIOR SECTION.

Griffith, Albert S.,
McComas, Joseph P.,
Pearce, Wilbur M.,
Smith, Lauran F.,

Turpin, Charles J.,
Urner, Hammond,
Wallace, Samuel S.,
Webbert, Charles W.

JUNIOR SECTION.

Boyer, Samuel Christian,
Gifford, Edward S.,
Heberling, Julius Rimmel,
Illingworth, Ralph W.,
Landis, William W.,
Lewis, Samuel A.,
Longsdorf, Jessica Dale,
Millet, Abraham Lincoln.

Mills, George Edward,
Moore, Frank,
Neal, Harry J.,
Prettyman, Cornelius W.,
Shaeffer, William J.,
Stock, Harry B.,
String, William Paxson,
Sudler, Foster,

Whiting, M. Leonora.

SPECIAL IN CHEMICAL LABORATORY.

Allison, William C.,

Bosler, Frank,

Sadler, W. F., Jr

COURSES OF STUDY.

The College offers three parallel courses of study, each covering four years. These are the Classical Course, the Latin Scientific Course, and the Modern Language Course.

In each of these courses the studies of the first two years are required; but in the last two years elections are allowed, as shown under Courses of Study.

The main difference between these three Courses is in the substitution made for Greek in the Latin-Scientific Course, and for the Latin and Greek in the Modern Language Course. These substitutions are largely in Modern Languages, Science and English.

Classical Course.—Latin and Greek, five hours each per week, are required in the Freshman year, and three hours each per week in the Sophomore year. Latin, two hours per week, is required in the Junior year, and the Greek, two hours per week is elective. Both Latin and Greek, one hour each per week, are elective in the Senior year.

Latin-Scientific Course.—The Latin of the Classical Course is required, and the required Greek of that course is entirely replaced by additional studies in the Modern Languages, and in English.

Modern Language Course.—Neither the Latin nor the Greek of the Classical Course is required, but the time allotted to them is given to Modern Languages, and to additional studies in English Language and Literature, and in Science.

Although Latin is not included in the college work of

this course, some knowledge of Latin is required for admission, as shown under Terms of Admission.

Partial and Special Courses.—Students desiring to pursue Partial or Special Courses of study, will be permitted to do so after showing, by examination or otherwise, that they are prepared to pursue with profit the studies of their proposed course.

These courses are not provided as a last resort for those unable to enter any of the other courses; but are intended to meet the needs of such as, for special reasons, desire to pursue a less general course of study adapted to their individual needs. All students in these courses will be subject to the same regulations as regular students, in all matters relating to attendance, work and examinations.

Extra Elective Studies.—Any elective studies may be taken as additional work by students pursuing any one of the regular courses for graduation, if, in the judgment of the faculty, such additional work does not interfere with their regular studies; and such extra work by any student is indicated in the catalogue, and will be recognized by a certificate when desired.

POST-GRADUATE WORK.

In order to encourage the systematic prosecution of studies after graduation, post-graduate work for both resident and non-resident alumni of Dickinson College, and resident alumni of other colleges, is provided in the following departments: Ancient Languages and Literatures; Modern Languages and Literatures; History; Mathematics; Physics and Chemistry (for residents only).

Conditions and Regulations.—Applications must be made in writing, and to enter upon any course applicants must have attained a graduate degree, either in this or some other Institution making equal requirements for graduation.

The particular work of each student will be adjusted on communication with the Faculty, and all studies will be under the direction of the several Professors to whose departments they belong.

For all work in any department, after a satisfactory examination, certificates will be given, and such certificates will receive full credit in courses leading to advanced degrees.

Advanced Degrees.—One year of resident or two years of non-resident study will, under favorable circumstances, qualify candidates for examination for the degree of A.M., and all who pass satisfactorily such examination will be recommended by the Faculty for such degree. This provision for the second degree in no way invalidates the present privilege of attaining the degree in course by all graduates of three years' standing.

Those graduates who have received the master's degree on examination, may be admitted to courses of study as candidates for the degree of Ph. D., upon the recommendation of the respective Professors, and favorable action by the Faculty. Candidates for this degree must select two subjects of study, subject to the approval of the Faculty, one as a major, the other as a minor. The major course will embrace studies sufficient to demand the entire attention of the student for two years; the minor for one year.

No one will be admitted to the final examination for the doctor's degree who is not a graduate of at least three years' standing.

Those who complete the required course, pass the

examinations, and present an acceptable thesis giving evidence of original research, will be recommended by the Faculty for the degree of Ph. D.

The subject of the thesis must be approved by the Professor to whose department it belongs, and the completed paper, of not less than three thousand words, must be presented to the President as early as May 1st.

Final examinations will be conducted in May of each year, by the several Professors under whose direction post-graduate studies have been pursued, assisted by a Committee of the Faculty.

Examinations upon parts or sections of courses may be arranged for other times, at the discretion of the several examiners.

A fee of ten dollars is required when the student is registered for post-graduate work. The fee for examination on the full work of a year will be twenty dollars; for partial examinations, in proportion.

TERMS OF ADMISSION.

Examinations for admission are held on Wednesday of Commencement week, and on the day before the opening of the Fall Term.

Candidates for admission must present testimonials of good moral character, and, if from other colleges, evidence of honorable dismissal.

Students applying for admission to advanced classes will be examined on both the preparatory work for entrance to College, and on the studies previously pursued by the classes they propose to enter.

Applications for admission to College will not be received later than the opening of the Senior year.

Women are admitted to all the privileges of the College.

Examinations.

Candidates for admission to the Freshman class in the several courses will be examined on the following books and subjects:—

Classical Course.

English.—Grammar, Spelling and Composition; Whitney's Essentials of English Grammar, or an equivalent. The candidate will be required to criticise specimens of English given at the time of examination; and to write a short composition—correct in expression, spelling, punctuation, grammar and division by paragraphs—upon some subject announced at the time of examination. In 1890, the subjects will be taken from one or more of the following works:—Shakspeare's Julius Cæsar, and

Midsummer Night's Dream; Coleridge's Ancient Mariner; Longfellow's Evangeline; Macaulay's Essay on Lord Clive; Thackeray's English Humorists; Webster's First Bunker Hill Oration; Scott's Quentin Durward; George Eliot's Silas Marner; Hawthorne's House of the Seven Gables.

Every candidate is expected to be familiar with all the books in this list.

In 1891, the subjects will be taken from the following:—Shakspeare's Julius Cæsar, and Merchant of Venice; Coleridge's Ancient Mariner; Longfellow's Evangeline; Macaulay's Essay on Lord Clive; Webster's First Bunker Hill Oration; Irving's Alhambra; Scott's Old Mortality; George Eliot's Silas Marner; Hawthorne's House of the Seven Gables.

History and Geography.—History of Greece, Rome, England and the United States. The following works will indicate amounts required:—Pennell's History of Greece; Leighton's History of Rome (to the close of the Reign of Augustus), or Smith's Smaller History of Rome; Guest and Underwood's Hand-book of English History (to the year 1793); Montgomery's Leading Facts of English History; Johnston's History of the United States, for schools. Tozer's Primer of Ancient Geography is recommended as covering the work required in Ancient Geography.

A good knowledge of Modern Geography will also be expected.

Mathematics.—Arithmetic, including the Metric System; Algebra, through Geometrical Progression; Plane Geometry.

Latin.—I. Grammar, including the rules of Prosody and Scanning; Cæsar, three books, or Book 1st and Sallust's Cataline; Cicero, eight orations, including Pro Archia; Virgil, six books of the Æneid, and the

Eclogues (two books of Ovid's *Metamorphoses* may be substituted for the *Eclogues*); Latin Prose Composition, Part First of Allen, or 12 chapters of Arnold, or Jones (complete); reading at sight of easy passages from Cæsar, Cicero and Virgil.

II. For the above, except Latin Grammar and Latin Prose Composition, there may be substituted a sight-examination in Cæsar, Cicero, Virgil, Ovid, Sallust and Cornelius Nepos. The Roman pronunciation is used.

Greek.—Grammar (Goodwin); *Anabasis*, 4 Books; Homer's *Iliad*, 3 Books.

Six Books of the *Anabasis* may be substituted for the above.

Greek Prose Composition, 20 exercises of Jones.

Latin-Scientific Course.

Candidates for admission to the Latin-Scientific Course will be examined on all the requirements for the Classical Course, except Greek.

Modern Language Course.

Candidates for admission to the Modern Language Course will be examined on all the requirements for the Classical Course, except Greek and a part of the Latin.

In Latin, candidates for this course will be examined in 3 Books of Cæsar, or the 1st Book of Cæsar and Sallust's *Cataline*.

Partial and Special Courses.

Applicants for Partial or Special Courses of study must satisfy the Faculty, by examination or otherwise, that they are prepared to pursue with profit the proposed courses.

Admission by Certificate.

Certain preparatory schools of approved standing have, in accordance with action of the Trustees, been allowed by the Faculty to examine their own students for admission to College; and on the certificate of their Principals that the full catalogue requirement for admission has been met, their students are admitted to the Freshman class.

Certificates setting forth only a partial completion of the preparatory course may, or may not, be accepted in lieu of examination in any of the branches, at the discretion of the Professors in the several departments.

Prizes for Admission.

For prizes for best entrance examinations, see section on PRIZES.

COURSES OF STUDY, 1889-90.

FRESHMAN CLASS.

Classical Course.

GREEK.—Selections from Herodotus, Books VII and VIII: *Xerxes' Invasion of Greece*. Selections from Thucydides, Book I: *Causes of the Peloponnesian War*. Selections from Homer's *Odyssey*. Greek prose composition (Arnold). Sight reading. *Greek Grammar* (Goodwin). (Five hours per week.)

LATIN.—Livy: *Punic War, 21st Book*. Horace: *Odes and Satires*. Seneca: *De Providentia* (Hurst and Whiting). *Latin Prose Composition* (Collar). *Latin Grammar* (Allen and Greenough). (Five hours per week.) Sight reading.

MATHEMATICS.—*Algebra* (Wentworth). *Geometry* (Wentworth). A brief course in *Mensuration*, based on Halstead's Text-Book. *Trigonometry* (Newcomb) to Triangles in general. (Five hours per week.)

HISTORY.—*Universal History* (Fisher). *Historical Atlas and Chart* (Labberton) for reference. (Three hours per week during first and second terms.)

ENGLISH.—*English Past and Present* (Trench). (Three hours per week during the third term.) Composition throughout the year.

ORATORY.—Voice-building, Drill in Vocal Gymnastics, together with Lectures on the Art of Breathing, with Description and Analysis of the Various Organs of Speech.

PHYSIOLOGY.—Lectures.

Latin-Scientific Course.

Latin, Mathematics, History, English, Physiology and Oratory are the same as for the Classical Course.

FRENCH.—Whitney's *French Grammar, Part I*. Super's *French Reader*. Lavissee: *Histoire de France*. (Five hours per week)

Modern Language Course.

Mathematics, History, English, Physiology and Oratory are the same as for the Classical Course.

French is the same as for the Latin-Scientific Course.

GERMAN.—*German Grammar* (Joynes-Meissner's). Brandt's *German Reader*. (Three hours per week.)

SOPHOMORE CLASS.

Classical Course.

- GREEK.—Xenophon: *Memorabilia*. Plato: *Apology and Crito*. Demosthenes: *De Corona*. (Three hours per week.)
- LATIN.—Seneca: *De Brevitate Vitæ* (Hurst and Whiting). Cicero: *De Amicitia*, and *De Senectute*, or *De Oratore*. Tacitus: *Histories* or *Germania and Agricola* (Allen). Sight Reading. Lectures. *Latin Subjunctive* (Pennell). (Three hours per week.)
- MATHEMATICS.—*Trigonometry* (Newcomb) completed. *Surveying* (Carhart). *Analytical Geometry* (Wentworth). (Four hours per week.)
- RHETORIC.—*Rhetoric* (Genung) and *Composition*. (Two hours per week.)
- LOGIC.—*Logic* (Hill's Jevon). (Three hours per week during the first term.)
- POLITICAL ECONOMY.—*Political Economy* (Chapin). (Three hours per week during the second term.)
- CONSTITUTION OF THE UNITED STATES.—*Constitution of the United States*, with *History of American Politics* (Johnston). (Three hours per week during the third term.)
- GERMAN.—*German Grammar* (Joynes-Meissner's). Brandt's *German Reader*. (Three hours per week.)
- ORATORY.—Practical drill in Form and Power of Expression, with Lectures on Gesture, Management of the Voice, etc.
- HYGIENE AND ANATOMY.—Lectures.

Latin-Scientific Course.

- Latin, Mathematics, Rhetoric, Logic, Political Economy, Constitution of the United States, German, Physiology and Oratory are the same as for the Classical Course.
- FRENCH.—Lamartine's *Jeanne d'Arc*. De Musset's *Pierre et Camille*. (Two hours per week.)

Modern Language Course.

- Mathematics, Rhetoric, Logic, Political Economy, Constitution of the United States, Physiology and Oratory are the same as for the Classical Course.
- French is the same as for the Latin-Scientific Course.
- GERMAN.—Fouque's *Undine*. Schrackamp's *Erzählungen aus der deutschen Geschichte*. *Ali Baba*. (Two hours per week.)
- MEDIÆVAL HISTORY.—(Two hours per week.)

JUNIOR CLASS.

Classical Course.

Required Studies.

- LATIN.—Quintilian: *Tenth book* (Frieze). Plautus (Fowler), or Terence (West). Latin Literature. Lectures. Reading at sight. (Two hours per week.)
- ETHICS.—Hickok's *Moral Science*; Lectures. (Two hours per week.)
- ENGLISH.—Welsh's *Development of English Literature and Language*. Dowden's *Shakespeare*. Selections from Shakespeare. Public Declamation. (Two hours per week.)
- PHYSICS.—Ganot's *Physics* (Atkinson), begun with *Lectures*. (Two hours per week.)
- CHEMISTRY.—Text book, with *Lectures*. (Two hours per week.)
- GERMAN.—Prose selections. (Two hours per week.)
- ORATORY.—Drill in Expression, with Lectures on Oratory and Orators, based upon critical study of the great masters.

Elective Studies.—(One from each group required):

I.

- a. GREEK.—Demosthenes: *De Corona* (continued). Æschylus: *Prometheus*. (Two hours per week.)
- b. LABORATORY COURSES.—Experimental Physics. (One period of two hours per week.) Experimental Course in General Chemistry. Qualitative Analysis. (One period of two hours per week.)

II.

- a. MATHEMATICS.—A course in *Differential and Integral Calculus*, based on Williamson's text book. (Two hours per week.)
- b. BIBLICAL COURSE.—*Hebrew Lessons* (H. S. Mitchell). *Hebrew Grammar* (Roediger's Gesenius). *Historical parts of the Hebrew Bible*. Criticisms and Exegesis, with *Lectures*. (Two hours per week.)

Latin-Scientific Course.

Latin, Ethics, English, Physics, Chemistry, German and Oratory as required in the Classical Course.

MATHEMATICS.—*Differential and Integral Calculus* as in Electives above.

LABORATORY WORK.—*Experimental Physics and Chemistry* as in Electives above.

Modern Language Course.

Ethics, Physics, Chemistry, German and Oratory as required in Classical Course.

MATHEMATICS.—*Differential and Integral Calculus* as in Electives above.

LABORATORY WORK.—*Experimental Physics and Chemistry*, as in Electives above.

ENGLISH.—In addition to the English of the Classical Course Earle's *Philology of the English Tongue*. (Two hours per week.)

SENIOR CLASS.

Classical Course.

Required Studies.

CHRISTIAN EVIDENCES.—Butler's *Analogy*. Fisher's *Manual of Christian Evidences*. (Two hours per week.)

PSYCHOLOGY.—Dewey's *Psychology*, with *Lectures*. (Three hours per week.)

MATHEMATICS.—*General Astronomy* (Young). (Two hours per week.)

PHYSICS.—Ganot's *Physics* (Atkinson), completed with *Lectures*. (Three hours per week.)

CHEMISTRY.—Organic Chemistry, text-book with *Lectures*. (Two hours per week during the first term.)

GEOLOGY.—Dana's *Text-Book of Geology*, with specimens. (Two hours per week during second and third terms.)

ORATORY.—Original work in the making of Orations, with particular attention to delivery of the same. Orations to be publicly delivered.

Elective Studies.

(One from this group required.)

a. HISTORY.—Guizot's *Civilization in Europe*. Andrew's *Institutes of General History*. (Two hours per week.)

b. BIBLICAL COURSE.—*Greek Testament*. Grammar and Diction. (Two hours per week.)

(One of these three groups required.)

I.

GREEK.—Æschylus: *Prometheus*, completed. Euripides: *Alcestis*. (One hour per week.)

LATIN.—Juvenal: Selections from Catullus and Tibullus, and Lucretius. Horace: *Ars Poetica*. Early Latin. Lectures. (One hour per week.)

II.

LABORATORY COURSES.—Physical Experiments, and Measurements in Sound, Heat, Light and Electricity. Photographic Practice. Experimental Lectures, by the Student. (One period of two hours per week.) Chemical Analysis, Qualitative, continued; Quantitative. (One period of two hours per week.)

III.

BIBLICAL COURSE.—*Hebrew Grammar* (Røediger's Gesenius). Translations: *Psalms and Prophets*. Criticism and Exegesis, with *Lectures*. *Greek Testament*. References: Thayer's *Lexicon of New Testament Greek*. Harman's *Introduction to the Holy Scriptures*. (Two hours per week.)

Latin-Scientific Course.

Christian Evidences, Psychology, Mathematics, Physics, Chemistry, Geology and Oratory same as in Classical Course.
 Laboratory Courses in *Physics* and *Chemistry* as in Electives above.
 History as in Electives above.

Modern Language Course.

Christian Evidences, Psychology, Mathematics, Physics, Chemistry, Geology and Oratory same as in Classical Course.
 LABORATORY COURSES.—*Physics* and *Chemistry* as in Electives above.
 History as in Electives above.
 GERMAN.—Goethe's *Hermann and Dorothea*. Lessing's *Minna von Barnhelm*. (Two hours per week.)

EXAMINATIONS.

1. Of all the classes at the close of the Fall term, on the studies of the term.
2. Of the Senior class, three weeks before commencement, on the studies of the Winter and Spring terms.
3. Of the other classes, ten days before commencement, on the studies of the Winter and Spring terms.
4. Of candidates for admission, the Wednesday of commencement week, and the day before the opening of the Fall term.

TERMS AND VACATIONS.

Fall term begins on the second Thursday in September.

Fall term closes about a week before Christmas.

Winter term begins two weeks from the close of the Fall term.

Winter term closes on Thursday preceding Easter.

Spring term begins on Tuesday after Easter.

Spring term closes at Commencement, on Thursday preceding the last Thursday of June.

DEGREES.

The following degrees, in course, are conferred by the College :

Bachelor of Arts.—The degree of Bachelor of Arts is conferred on those who complete satisfactorily the work of the classical course.

Bachelor of Philosophy.—The degree of Bachelor of Philosophy is conferred on those who complete satisfactorily the work of the Latin-Scientific, and Modern Language courses.

Master of Arts.—Bachelors of Arts of three or more years' standing, who have meanwhile sustained a good moral character, are entitled, on application, to receive the degree of Master of Arts. Bachelors of Philosophy, of special merit, of five years' standing, may be recommended by the Faculty for the degree of Master of Arts. Applications for this degree should be made to the President at least two weeks before commencement, and should be accompanied by the usual fee.

PUBLIC WORSHIP.

Religious services are held in the James W. Bosler Hall every morning, and all students are expected to be present.

Students are also required to attend public worship twice on the Sabbath, once at least at such church as their parents or guardians may elect.

ABSENCE FROM COLLEGE.

No student must leave the College without the permission of the President. As such absence is demoralizing to both the College and the individual, this permission will be sparingly given; and it is hoped that parents will co-operate with the authorities of the College in securing the regular, uninterrupted attendance of students from the opening to the close of each term. Of such importance is this deemed to be, that absences from College at the opening of any term can be excused only by a vote of the Faculty.

GOVERNMENT AND DISCIPLINE.

Application for admission and entrance of a student into the College is regarded as implying an intention to act at all times in a manner becoming a student, and to

conform to the rules and regulations of the Collège, which are intended to promote its efficiency, and the interests of all connected with it.

Report of attention to Collège duties and of deportment of each student is made monthly, to the student himself, if of legal years, otherwise to his parent or guardian.

METHODS OF INSTRUCTION.

CHRISTIAN EVIDENCES AND ETHICS.

These studies have usually been associated with the chair of Moral Philosophy, filled by the President of the College. During the present year they have been otherwise provided for. The Senior class have pursued Butler's Analogy, and Fisher's Manual of Christian Evidences under the instruction of Dr. Harman. In the department of Ethics, under the direction of Dr. Whiting, Hickok's Moral Philosophy and Lectures have been the basis of instruction for the Junior class.

LANGUAGES AND LITERATURE.

LATIN.—The course of instruction in this department extends through four years. It is designed to acquaint the student with such representative authors as illustrate the Latin of different periods. Particular attention is given to differences of style, idioms, distinction of synonyms, peculiar constructions, rhetorical figures, growth and decay in the sense and form of words. The authors read are selected with a due regard to the proficiency of the several classes. In the first term, Freshman, the 21st Book of Livy is studied. The student is taught to translate into good English, to study carefully Livy's style, and to observe the peculiarities of his syntax. In addition to oral, frequent written translations are required. Some time also is given to reading at sight. The odes and satires of Horace are then studied for fourteen weeks. Particular attention is given to the characteristics of Lyric poetry. Prosody is reviewed, and the various metres of Horace scanned ;

Seneca on Providence is also read. Throughout the year Latin Grammar is made a study. A weekly exercise in Latin Prose Composition is required. The student is taught not only to translate into idiomatic English, but also to analyze with great care the grammatical construction. In the work of the Sophomore year, consisting of three hours per week, there is much practice in sight reading, Cicero being the chief author read in this way; Latin Grammar is still studied, and the Latin subjunctive is made a subject of inquiry. Short lectures on the peculiarities of each author, and plentiful illustrative matter constitute a part of the instruction. In the Junior year, two hours per week, Quintilian, and Terence or Plautus are read, and the subject matter, characteristics and literary merits of these authors are carefully investigated. The Latin of the Senior year, one hour per week, is elective. Selections are made from the writings of Juvenal, Persius, Horace, Catullus, Tibullus and Lucretius, and lectures are given on early Latin, with translation of formulas and inscriptions. An extended series of lectures on Latin Literature is given during the course.

GREEK.—The Freshmen of the Classical Course recite in Greek five hours per week, reading selections from Herodotus, Thucydides and Homer. The course is so arranged as to treat in succession the most interesting periods of Greek history, and thus fix them in the mind. Special attention is given to syntax, prosody and etymology. The etymology of the Greek language is studied separately, and especially in its connection with the cognate languages. Frequent exercises in sight reading and Greek Prose Composition are given throughout the year.

The Sophomores of the Classical Course recite three times a week in the Memorabilia of Xenophon, Plato's Apology and Crito, and Demosthenes' De Coronâ,

accompanied with lectures on Socrates and Demosthenes.

The Juniors of the Classical Course recite twice a week in Demosthenes' *De Coronâ* and in the *Prometheus* of Æschylus, accompanied with lectures on the Greek theatre, the Greek Tragedians and other authors.

The Seniors of the Classical Course recite once a week in the *Prometheus* of Æschylus and in the *Alcestis* of Euripides. Those studying for the Christian ministry, and others, with the consent of the faculty, can recite twice a week in the Greek text of the *Epistle to the Romans* and *first Corinthians*, accompanied with exegesis.

In this department the aim of the Professor is to stimulate thought, to criticise the statements of the author, his logic and rhetoric, to call attention to the customs of antiquity, to the geographical references, as well as to instruct in etymology and syntax; in short, to compare the ancient world in its politics and religion with the modern.

HEBREW AND BIBLICAL LITERATURE.—Students preparing for the Christian ministry are allowed to take Hebrew and New Testament Greek in the Junior and Senior years in place of equivalent studies, chiefly mathematical, and graduate Bachelors of Arts. The following works are used as text or reference books: Mitchell's *Hebrew Lessons*; Letteris' *Hebrew Bible*; Gesenius' *Hebrew Grammar*, by Roediger; Gesenius' or Fuerst's *Hebrew Lexicon*; Winer's *Chaldee Grammar*; Tischendorf's *Greek Testament*, 8th critical edition; Winer's *Grammar of New Testament Diction*; Robinson's *Lexicon of the New Testament Greek*; Harman's *Introduction to the Holy Scriptures*.

A Bible Class, in which the original Scriptures are critically examined, and the received text compared with

the readings of the most noted and valuable of the ancient manuscripts, is conducted by Professor Harman on Sabbath afternoons. All the students have the privilege of attending this exercise.

The patronizing Conferences direct the attention of young men who are candidates for the ministry to this course in the following preamble and resolution :

WHEREAS, Dickinson College provides for a course of instruction in the elements of Moral and Biblical Science and Literature ; and

Whereas, This course is adjusted to the wants of those young men who are preparing for the ministry, and who cannot take the full classical course ; therefore,

Resolved, That we advise those young men within our bounds, who feel called to preach the Gospel, to avail themselves, as far as practicable, of the advantages of this course of instruction.

ENGLISH LITERATURE.—English Literature is studied by the Juniors two hours a week throughout the year. Particular periods of the Literature are selected for special study, in connection with a general outline, and the student is expected to devote considerable attention to the critical reading of some of the masterpieces of our literature.

The history of the English language is studied during the Spring term of the Freshmen and Sophomore years ; Trench's English Past and Present, and Earle's Philology of the English Tongue being used as text-books.

RHETORIC AND COMPOSITION.—Genung's Practical Rhetoric is used. In addition to the work with the text-book, students are required to write frequent exercises in illustration of the principles developed by the author. Effort is also made to acquaint the student with some of the works of standard English writers, and

to this end a part of the written work of the class is so arranged as to necessitate a careful examination of at least a few of the best books.

Rhetoric is required of all regular Sophomores twice per week during the year.

Graded work in English Composition is continued throughout the four years of the College course. The Freshmen and Sophomores are required to write frequent exercises, in which expression is more emphasized than the thought. The Juniors are expected to write less frequent, but more carefully thought out productions; while the Seniors write for public declamation before the College.

GERMAN AND FRENCH.—Modern Languages are studied to a greater or less extent by all regular students. In beginning the study, as pronunciation is of prime importance, much attention is devoted to phonetics. In order to train the ear, words, phrases, and sentences are read by the professor, and translated by the student. There are also frequent exercises in writing at dictation by the professor. The entire instruction in the department is based upon the theory that the ability to read at sight ordinary French and German texts is of more value to nearly all students than such limited ability to speak these languages as can be acquired in the regular routine of the class-room. To this end easy texts are read, after a few lessons in the essentials of grammar, and, throughout the course, easy texts and those of a colloquial character are usually preferred to the classics, in order that a larger quantity may be read. A greater command of the language will thus be obtained, than when a smaller portion is read with rigid attention to grammatical details. Sight reading is practiced almost daily with all classes, except mere beginners.

To meet the wants of those who desire more opportunity for conversation, a special class is organized, de-

voting one hour weekly to practice in speaking German. Attendance upon this class is optional.

German is given three hours per week in the Sophomore year in the Classical and Latin-Scientific Courses, and two hours per week in the Junior year in those courses. In the Modern Language Course it is given three hours per week in the Freshman year, and two hours per week in each of the three remaining years of the course.

French is given five hours per week in the Freshman year in the Latin-Scientific and Modern Language Courses, and two hours per week in the Sophomore year of these courses.

For text-books used in the several years, see Courses of Study.

HISTORY AND POLITICAL SCIENCE.

HISTORY.—General History is studied by the Freshmen three hours a week during the Fall and Winter terms; Fisher's Outlines of Universal History being used as a text-book. Special attention is given to Egypt and the East, and their points of contact with the Biblical history are critically noted.

The History of European Civilization is studied two hours a week during the Senior year; Guyzot's Lectures being studied and analyzed, in connection with Andrew's Institutes of General History.

POLITICAL ECONOMY.—Chapin's Principles of Political Economy is used as a text-book for the statement of principles, but the work of the class covers a much wider field. The individual students, especially those more interested in the subject, are encouraged to prosecute the study by topics; and to this end are referred by topics to the works of the leading economic thinkers. To give more definite aim to this topical work, as

also to secure to the class something of the results of their study, students are expected to give before the class an outline of each topic thus studied, which outlines are then discussed by the class. In this way all get some knowledge of the characteristic theories of leading economists, and it is believed that interest in the general subject is thus greatly stimulated.

Political Economy is required of all regular Sophomores three hours per week during their second term.

HISTORY OF AMERICAN POLITICS.—This course embraces the Constitution of the United States and its historical application. The student is expected to become familiar with the entire Constitution, and to memorize its most important sections.

Preparatory to this work the right and origin of Government is briefly discussed, and effort is made to give a clear idea as to the origin and development of the Constitution of the United States from pre-existing forms of Government, especially among English people, from the Confederation, the Colonial Governments, and from the English Government itself.

The study of the letter of the Constitution is supplemented by an examination of the different canons of constitutional interpretation which have prevailed from time to time, and which have so greatly influenced our national life; and from our history it is shown that the principal causes of political controversy have been the various and varying interpretations placed upon this fundamental charter of our National Government.

The most important constitutional controversies of our national life are made the subject of investigation by individuals of the class, and the results of their study presented to the class for discussion.

SCIENCE.

MATHEMATICS AND ASTRONOMY.—The course in Mathematics and Astronomy is the usual collegiate course in this department, so far as text-book work is concerned. Various outside features are introduced, however, briefly indicated as follows :

Each student is required to keep a note-book, in which are recorded the principles of each subject, concisely stated. With this note-book the student is required to make and keep himself thoroughly familiar.

Considerable attention is paid to original exercises. In the study of Geometry, the original work exceeds in amount the routine text-book work.

Parallel with the course of work required of all, runs an Optional Course of more difficult work, open to the more gifted students.

Occasional lectures are given on the history and philosophy of Mathematics. On these lectures the student is required to take notes and recite.

Two courses of study are open the present year to graduate students, one in Advanced Algebra and Theory of Fractions, another in the History of Mathematics.

PHYSICS.—Instruction in Physics, as a required study of candidates for a degree, in the Junior and Senior years, of all the Courses of Study, combines lectures, illustrated by experiments, and text-book study in such a way that they may be mutually supplementary, and recitation and examination are equally required upon both.

Laboratory practice, in the Physical Laboratory of the Jacob Tome Scientific Building, is required, in the Junior and Senior years of the Latin-Scientific and Modern Language Courses, and is elective in corresponding years of the Classical Course. It is also open

to all students in any of the regular courses as *extra work*, when in the judgment of the faculty it will not interfere with the regular studies; also to all students pursuing a partial course, without a view to graduation, when, in the judgment of the professor in charge, it can be pursued to advantage, and in combination with such recitations and lectures as he may require.

In the Physical Laboratory the practical exercises are arranged and conducted with a view to discipline in accuracy of observation, closeness of attention and clearness of thought, and at the same time to promote greater familiarity with the general facts and principles of science and with the methods of scientific investigation than can be acquired in the general course of study. Whilst the educational, rather than technical, character of the course calls for a wide range of qualitative work, ample opportunity is also given for exercise in accurate physical measurement, in the discovery and verification of laws, and for special work in selected directions, involving the study and use of more delicate apparatus, as the proficiency of the student may indicate.

Special facilities will also be afforded to those who propose to teach, to become familiar with apparatus used in illustration, and with experiments adapted to instruction of classes, with the simplest and least expensive apparatus.

Members of the Senior class in this course are required, from time to time, to deliver lectures before the class upon the subjects upon which they are engaged, and the reading of current scientific periodicals is encouraged, and items selected from them, of general, as well as of purely scientific interest, are frequently brought to the notice of the students, accompanied by suitable illustrations.

In order to prevent the tendency to mechanical methods, no particular laboratory text-book is used, but brief outlines suggesting the nature of the investigation to be made, or the work to be done, are furnished the student, and he is encouraged to use books of reference. Full and careful working notes are required of all work done, and in awarding credit, and assigning new work, the neatness as well as the accuracy, which it generally accompanies, is considered.

In outline, the experiments will be embraced in general physical processes and measurements in :

Experimental mechanics of solids, liquids and gasses,

Heat,—thermometry, radiation of heat, determination of specific heat, latent heat, hygrometry, applications in warming, ventilation, steam engine, etc.,

Light,—use of lenses, of mirrors, of the photometer, of the spectroscope, of the stereoscope, of the microscope, of the lantern for projection, of the photographic camera, and practice of various photographic processes, especially those of educational value, and those applied in scientific study and investigations,

Acoustics,—comparison of pitch of tuning forks, determination of wave length, of number of vibrations, etc., and applications to measurement of small intervals of time,

Electricity,—magnetism, static electricity and electrical currents and measurements.

Special attention is given in all cases to the historical development, and the applications of the science.

CHEMISTRY.—The course in Chemistry begins with the Junior year. Three hours per week are given to the subject throughout the year. The exercises consist of lectures illustrated by experiments, and oral and written recitations, devoted to the general study of Inorganic Chemistry. In connection with lectures and recitations, the elements of theoretical chemistry are

taught, and the student given practice in stoichiometrical and other chemical problems. During the first term of the Senior year two hours a week are devoted to elementary organic chemistry.

Laboratory Practice.—The Chemical laboratory occupies the east wing of the Jacob Tome Scientific Building. The main laboratory contains desks for eighty students. Each student is furnished with a desk and apparatus necessary for the performance of the experiments under the supervision and instruction of the professor. During the Fall and Winter terms of the Junior year the work consists of the performance, by the student, of a series of experiments, in general chemistry, illustrating the important general principles and facts of the science, the properties of the more important elements, and the laws of chemical action. The details of the manipulations of these experiments are given, but with a view to cultivating the powers of observation, the student is required to carefully observe and describe the results of each experiment. Qualitative Analysis is then taken up. The usual course of preliminary work, and simple analysis of complex substances is pursued. The subsequent course is arranged in accordance with the degree of proficiency manifested, and the interests of the student. Facilities are offered for Quantitative Analysis, gravimetric and volumetric, Determinative Mineralogy, Medical Chemistry, Urinary Analysis, testing drugs, chemicals, etc.

The course in laboratory work is flexible, and great latitude can be allowed in the cases of students manifesting interest and proficiency.

GEOLOGY.—Instruction is given in Geology, two hours a week, during the Winter and Spring terms of the Senior year. Dana's New Text-Book of Geology is used, supplemented by lectures on the more important

topics. Special attention is given to lithological and dynamical geology.

PSYCHOLOGY.—Instruction in Psychology has been given since 1885, by the Professor of History and English Literature. The subject is studied three hours a week during the Senior year, Dewey's Psychology being used as a text-book, and Krauth's edition of Fleming's Vocabulary of Philosophy as a book of reference. "The Philosophic implications embedded in the very heart of Psychology" are discussed in lectures, and the instruction is carried beyond the facts of Psychology proper as an independent science, by setting forth the elementary principles of Philosophy. The method of instruction is varied to suit the circumstances. At the recitations the catechetical method is avoided as much as possible, and the student is required to give a connected view of the subject in his own language, thus cultivating at once the powers of memory, thought, and discourse. Subjects are studied comprehensively, and the logical relation of the parts is traced by means of written analysis. Special topics are assigned for supplementary reading and investigation, and the student is expected to report the result to the class with the aid of brief notes, and occasionally in a carefully prepared essay.

LOGIC.—Hill's Jovin is used as a text-book. The purpose of the work is not so much to give the history and theory of Logic, as to make the student familiar with all the more general forms of reasoning. To this end much time is spent on the syllogism, and on the detection and analysis of false arguments. Logic is required of all regular Sophomores three hours per week during their first term.

ORATORY.

For the time being instruction in this department will be under the immediate direction of the President. The work to be done will comprehend all matters pertaining to the Art of Public Discourse. Practical drill in Voice-building, Declamation, and kindred matters, will be required of each of the four classes two hours in each month. In the Junior year lectures on the general subject of Oratory and Orators will constitute a main feature of the instruction, while from the Senior Class extensive original work in the making of orations, with public delivery of the same, will be required.

PHYSIOLOGY, HYGIENE AND PHYSICAL CULTURE.

In 1889, the Trustees organized the Department of Pysiology, Hygiene and Physical Culture on an equal footing with the other departments of the College, making Physical Culture a part of the required work of all courses leading to a degree. Two hours per week from November 1st to April 1st must be given by every student to work in the gymnasium. Before entering the gymnasium each student is carefully examined, as, also, at subsequent intervals during the course. The heart, lungs and eyes are tested, and, by measurements and muscle tests, the physical condition of the student is ascertained. From these data, exercises suitable to individual peculiarities, varying strength, and conditions, are prescribed, to produce a symmetrical development and insure perfect health. It is not proposed to develop a few record-breakers or champions in any sport, but to keep all our students in such physical condition as will secure to them the best results from their college course.

The evils of competitive sports are guarded against so far as possible. No one is permitted to compete in

intercollegiate contests without the written consent of parent or guardian, a certificate of physical ability from the Director, and proper training under his supervision.

The results of the gymnasium training have been most satisfactory. There has been no sickness among the students, and less headache and indisposition to work. The students generally acknowledge that they feel better and are able to do more work, and the faculty testify that there have been better results accomplished in the class-room since the gymnasium was opened.

MATERIAL EQUIPMENT.

Grounds and Buildings.—The *campus* proper, exclusive of the lot which the preparatory school occupies, includes a full square of the borough of Carlisle, purchased of the Penns by the corporation. Upon it are grouped the buildings used by the College proper, as shown in the diagram (see frontispiece), and described in the order of their erection.

West College, built of native limestone, trimmed with red sandstone, is one hundred and fifty by fifty-four feet. It is four stories high, and contains a commodious Y. M. C. A. Hall, three lecture rooms and offices, the halls of the literary societies, rooms on the third floor for twenty students, and a Professor's residence in the west end.

East College, also of native limestone, one hundred and thirty by forty-two feet, and four stories high, is used largely for dormitory purposes, and will accommodate fully one hundred students.

The Jacob Tome Scientific Building, erected in 1884, is the gift of Hon. Jacob Tome, of Port Deposit, Md. It is constructed of native limestone, trimmed with Ohio

sandstone, and is one hundred and eighty-four feet long, and fifty-six feet wide, and combines with a highly attractive architectural appearance, perfect adaptation internally to the uses for which it was designed.

In its construction the one story plan, so desirable in buildings for scientific purposes, was adopted.

The west wing contains complete provision for a college department of Physics, including lecture room, office for Professor, private laboratory, large laboratory for general use, fifty-three by twenty-two feet, and minor apparatus rooms. The east wing contains similar ample provision for the chemical department; and the center is occupied by a large and handsome Museum Hall, having a central height of forty feet, adapted to the preservation and display of the collections of the College, required for the illustration of Geology, Mineralogy, Archæology and the Industrial Arts.

The James W. Bosler Memorial Library Hall, erected in 1885, in architectural design, as in material and construction, is an admirable structure. It is the gift to the College of the widow of him whose name it bears, and in whose honor it was conceived and built. The cost of the building was nearly *sixty-eight thousand dollars*, and, in addition, over six thousand dollars has been expended in its furnishing. It supplies accommodations, substantially fire proof, for the college and society Libraries, and also an audience hall of seating capacity for about eight hundred persons. In this Hall, the valuable Libraries have not only complete protection, but all the requisites for convenient use and for proper display, with room for growth to thrice their present number of volumes; and a commodious and elegant reading room is also provided, whilst the audience hall fully meets a long felt want of the College of a

suitable place in which to hold commencement and other frequently recurring public exercises.

The Gymnasium, erected in 1884, through the liberality of one who reserves his name, furnishes ample accommodation to meet all the modern demands for judicious physical training during the period of student life.

The main hall, seventy-five feet in length by forty in width, is flanked on the eastern and western extremities by wings, of which the latter, in dimensions eighty-four feet by twenty, contains the bowling alleys, and the former, sixty feet by twenty, is, on the first floor, appropriated to office purposes, and on the second to bathing and dressing-room accommodations.

The building, when finished, was completely equipped and thoroughly adapted to the purposes of its construction through the liberality and under the personal supervision of William C. Allison, Esq., of Philadelphia, to whom the College is indebted for other thoughtful expenditures. Besides rendering the building more comfortable and attractive in other respects, a running gallery, affording a track of two hundred and thirty-five feet in length, was introduced, at a suitable elevation, and bath-rooms, dressing-rooms and office were fitted up, and furnished with every desirable appliance, and provision made for heating the whole building. The equipment proper of the gymnasium was made to embrace a complete supply of the latest and most approved results of invention and mechanical skill for giving effect to the suggestions of medical science for securing harmonious physical development.

South College, on a lot ninety by two hundred and forty feet, belonging to the Corporation, and separated from the Campus by Main street, is used for the accommodation of the Preparatory School, under the supervision of the College. It contains rooms for students

of the school, recitation rooms, and a residence for the Principal of the school.

Heating of Buildings.—During the year an extensive and costly system for heating by steam has been established, and is now in working order. This system does away with all stoves in all rooms of the College—both Dormitory and Recitation—and so far as excellence is concerned has probably no superior in the State of Pennsylvania.

The quality of the heat is agreeable, and the expense, considering the costliness of the plant, extremely moderate.

The boilers, furnished with Jarvis Settings, are located in the cellar of the Gymnasium, and thence steam is conducted to the various buildings in conduits, under the celebrated Holly System.

LIBRARIES AND READING ROOM.

The Libraries, the privileges of which are available to all students, under established regulations, consist of three distinct collections, nearly equal in size—that of the College proper, which is exceedingly rich in old volumes and in reference books in certain departments, and those of the Belles Lettres and Union Philosophical Societies, accumulated by them during the century of their existence. These latter, from the manner of their growth, are more fully adapted to the wants and tastes of the students, and are annually increased by purchases made by the Societies. These are all provided for in the James W. Bosler Memorial Library Hall.

Though these three Libraries are distinct in organization, they are practically one, not only by reason of their arrangement, but by the registration of the books of all in a single catalogue, on the card plan, which renders books in any of the collections easy of reference.

The Reading Room is in the same building, and adjacent to the Libraries. In adaptation to its purpose it leaves nothing to be desired. It is roomy, well lighted and furnished with the best of reading-room appliances. Its files are supplied with representatives of the best secular and religious papers, while many of the best American and foreign magazines are upon its tables. Admirable provision is thus made, enabling students to keep familiar with the daily news, as also to become acquainted with the best current literature of the world.

Contributions of books are solicited.—The friends of the College can render a real service by adding to our collections books bearing on the live issues of the day. Volumes of the older magazines are especially valuable to the College Library, and can perhaps be well spared from private collections.

Gifts of books will be acknowledged in subsequent publications of the College.

THE PHILOSOPHICAL AND CHEMICAL APPARATUS.

The apparatus employed for illustration in the General Courses of study in Physics and Chemistry is valuable, and annually increasing. The apparatus in the laboratories is adapted to the wants of the student, in the several courses. A fee of one dollar, paid by each student, and the special fees charged, for the expenses of the laboratory, to those taking a laboratory course, together with the interest of certain donations made for the purpose, are applied to the increase and use of the appliances in the department.

Among the pieces of special historical interest are a large Compound Burning-Glass, larger lens eighteen inches in diameter, once the property of Priestley, and the Rotascope employed by Professor Walter Johnson

in his investigations. Among the numerous purchases made by donations of the late J. W. Hendrix, M.D., may be mentioned: Holtz Machine with special condensers, and a complete set of accessories, manufactured by Borchardt, Edelmann's Calorimeter, Edelmann's Hygrometer, Edelmann's Tuning-fork Chronograph and Apparatus for determining the time of free fall of bodies, Reading Telescope, Syren, and Tangent Galvanometer. By interest of donation of J. C. Rives, M.D.: Acoustical apparatus, etc. A Binocular Microscope, manufactured by Beck, has been presented by Professor T. G. Wormley, M.D., of the University of Pennsylvania, of the class of 1848, and a Spectrometer, made by the Société Genevoise, has been presented by Professor Samuel J. Jones, M.D., of Chicago, of the class of 1857.

THE MUSEUM.

The Museum contains specimens in Mineralogy, Lithology and Geology, adapted to instruction, including a collection of minerals bequeathed to the College by S. A. Ashmead, Esq., of Philadelphia, and a suit of one hundred and forty rocks of the Mt. Blanc chain, added by J. W. Hendrix, M.D., to supplement a plaster model of that chain previously presented by Dr. Durbin.

THE ASTRONOMICAL OBSERVATORY.

The College has facilities for instruction in the Department of Astronomy. The Astronomical Observatory is provided with an Achromatic Telescope, manufactured by Henry Fitz, of New York. This telescope has an object glass of five inches, with a focal distance of seven feet, is equatorially mounted, and furnished with right ascension and declination circles.

THE LITERARY SOCIETIES.

The Belles Lettres and the Union Philosophical Societies, purely literary in their character, were nearly coeval in their origin with the founding of the College, and have been maintained in continuous operation throughout its history. During this period, they have accumulated large and valuable libraries, to which they are adding yearly many of the best issues of the press. By means of these, as also of their weekly exercises, they exert a highly beneficial influence. Their associations are among the fondest memories of college life, and not the least of the advantages of college residence is the special training they impart.

The General Belles Lettres and the Union Philosophical Societies, as distinguished from the active societies, include, with the active members, graduates and former active members. They hold annual meetings during commencement week, at which business specially restricted to the General Societies may be transacted.

An oration followed by a poem is delivered before the joint societies during commencement week.

THE COLLEGE YOUNG MEN'S CHRISTIAN
ASSOCIATION.

This organization has never been more potent for good than it is at present. A large majority of the students of the College are actively interested in forwarding its work, and making it efficient in its special field. It contributes in many ways to the safety and welfare of young men, freed from the restraints and wanting the associations of home. The usefulness of the Association has been greatly increased by its improved material equipment. During the Summer the old chapel was thoroughly renovated and handsomely furnished for its use, and the Association has now a home in every way neat and attractive.

THE ALUMNI ASSOCIATION.

All graduates of the College are eligible to membership in the Alumni Association. Meetings are held annually on Wednesday afternoon of commencement week, at which, as part of the regular business, an Alumni Visitor to the Board of Trustees of the College is elected to serve for five years, thus filling a complement of five visitors to that body. These visitors, by resolution of the Board of Trustees, have the privilege of meeting with the Board, and of taking part in its deliberations, but not of voting.

THE PHI BETA KAPPA SOCIETY.

The Alpha Chapter of Pennsylvania of the Phi Beta Kappa Society has been organized at the College. This, one of the oldest of intercollegiate societies, has for its object the promotion of a high standard of scholarship. Only students who have been passed finally for graduation are eligible to membership, and of these only those who are included in the first third of any class.

PRIZES.

Belles Lettres Society Sophomore Prize—Union Philosophical Society Sophomore Prize.—As an incentive to improvement in composition and declamation at an early stage in the College course, the Literary Societies have each instituted a yearly contest therein for their respective members from the Sophomore class. All the members of this class in the two societies have the option of competing, and a gold medal is awarded the contestant in each exhibiting the highest degree of excellence in the arts to which the competition relates, as decided by judges chosen by their respective societies.

The Pierson Prizes.—These are prizes for oratory established by Daniel Pierson, Esq., of Newark, N. J. A gold and a silver medal are offered each year to be competed for by members of the Junior class in a public oratorical contest, which contest has, for years, been placed among the exercises of commencement week. There are two distinct committees of judgment, one having for its duty to estimate, from careful reading, the merit of the essay; the other that of the declamation, and the combination of these estimates determines the award.

The McDaniel Scholarship Prizes.—Delaplaine McDaniel, Esq., late of Philadelphia, provided for the founding of certain scholarships, to be awarded on the ground of excellence in scholarship. The sum of FIVE THOUSAND DOLLARS was given the College in trust, with provision that three prizes equal in amount, be constituted of the annual income, and offered yearly to be competed for by the members of the Freshman and Sophomore classes, and with provision, further, that two of these prizes be awarded, one each, to the two members of the former class, and the remaining prize to the member of the latter class, who, in such way as the authorities of the College prescribe, shall be ascertained to have the highest average of excellence in the work of these classes respectively.

The Patton Scholarship Prizes.—These four prizes of twenty-five dollars each, one for each class, are offered by Gen. John Patton, of Curwensville, a Trustee of the College; and will be awarded according to conditions established by the donor.

THE PRIZES FOR 1890.

In addition to the above prizes of long standing, the following will be awarded during the present year :

The Reed Prize, of twenty-five dollars, the gift of Mrs. Dr. Reed, will be awarded to that member of the Freshman class who shall be found, upon a special examination, to have attained the highest excellence in the studies preparatory to admission to College, in the Classical course.

The Preparatory School Prize, of twenty dollars, the gift of Prof. W. K. Dare, A. M., will be awarded to that member of the Freshman class, coming from the Preparatory School, who shall be found, on a special examination, to have attained the highest excellence in the studies preparatory to admission to College. Prize to be awarded on the following conditions :

1. This prize shall be given to the student from the Preparatory School passing the best examination.

2. But should a student from the Preparatory School take the Reed prize, the Preparatory School prize shall be awarded to the student from the Preparatory School passing the second best examination.

The Walkley Prize, of twenty-five dollars, the gift of Winfield D. Walkley, Esq., of New York city, will be awarded to that member of the Senior class whose oration, in a public contest, shall be deemed best in composition and delivery. Each oration must contain not more than 1,200 words, and must be left with the President on or before the first Tuesday in June.

The Muchmore Prize, of twenty-five dollars, will be awarded to that student of College or Preparatory School who shall excel in the department of Physical Culture. The prize to be awarded on the following conditions :

1. Fidelity in attendance and work.

2. Development as shown by the physical examination.

3. Proficiency as determined by judges at a public contest during commencement week.

The Comfort Prize, of twenty-five dollars, the gift of J. C. Comfort, Esq., of Harrisburg, will be awarded to that student from Cumberland county who, in one of the regular courses, shall attain, during the year, the highest average rank.

The Cannon Prize, of twenty-five dollars, the gift of Henry P. Cannon, Esq., of Bridgeville, Del., will be awarded to that member of the Sophomore class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year.

The Cole Prize, the gift of Robert C. Cole, A. M., of Baltimore, Md., Class of '79, in the form of a gold medal, will be awarded to that member of the Freshman class who shall excel in forensic declamation.

Prizes were awarded last year as follows :

Belles Lettres Society Sophomore Prize.—

RALPH W. ILLINGWORTH.

Union Philosophical Society Sophomore Prize.—

HENRY G. BUDD.

Pierson Prizes.—

Gold Medal.—HAMMOND URNER.

Silver Medal.—FRANK W. CROWDER.

McDaniel Prizes.—

Sophomore Class.—ELMER L. CROSS.

Freshman Class.—WILSON P. EVELAND.

WILLIAM T. ROBERTS

Patton Prizes

Senior Class.—CHARLES W. M. BLACK

Junior Class.—JOHN T. HAMILTON

Sophomore Class.—GEORGE E. MILLS.

Freshman Class.—MINNIE M. MACK

Reed Prize.—MERVIN G. FILLER.

EXPENSES.

Tuition and Scholarships.—Tuition is paid for the most part by scholarships, the use of which is readily obtained at the original price of \$6.25 per year. They cover all charges for tuition except in Modern Languages and Hebrew, and instruction in the Gymnasium, as rated in the tabular list of college expenses.

Attention is particularly called to the following regulations in regard to the use, transfer and re-issue of scholarships :

1. But one student can enjoy the use of the same certificate of scholarship at one time ;

2. Presentation of scholarship to the Treasurer within thirty days after the entrance of a student is required. Otherwise, tuition will be charged ;

3. For the use of scholarships, except in cases of sons or wards, the consent of the owner must be presented in writing ;

4. Transfer of scholarships can be made only on written order of the owner or his legal representative ;

5. A scholarship of twenty-five years can be converted into four of four years each ; one of ten years, into two of four years each, and a perpetual scholarship, into four of four years each. In case a portion of the scholarship to be converted has been consumed, so much will be deducted from one or more of the new certificates.

6. New certificates can be issued in place of lost ones, but only after satisfying the President of their existence and loss, and after receipt by the Treasurer of a copy of the newspaper of the county wherein the owner resides, or of the newspaper published nearest his residence, containing advertisement of the loss, and of intention to apply for a re-issue.

COLLEGE BILLS.

	Fall Term.	Winter and Spring Term.
Tuition per year, \$6 25.		
Library, Reading Room, Apparatus, Gymnasium, Printing and use of Recitation Rooms and Electric Lights.....	\$4 00	\$8 00
Heating of Halls, Dormitories, Recitation Rooms, use of Bath Rooms, Janitor's service, Repairs.....	15 00	23 00
Room Rent	\$5 00 to 12 00	\$7 00 to 18 00
Laboratory Expenses.....	10 00	15 00
Modern Languages.....	2 00	3 00
Hebrew.....	2 00	3 00

For Students residing in town :

Tuition per year, \$6 25.		
Library, Reading Room, Apparatus, Gymnasium, Printing and use of Recitation Rooms.	\$4 00	\$8 00
Heating of Halls, Recitation Rooms, Janitor's service and Repairs.....	8 00	15 00
Laboratory, Modern Languages and Hebrew same as above.		

These are the only college bills, and payment of them to the Treasurer is required during the first month of the term.

In case the bill for any term is not paid, or satisfactorily secured, before the opening of the following term, the student will be liable to exclusion from recitation. No student can have honorable dismissal or certificate of progress in his studies until his bills are paid or secured. The student who is absent from College by permission, on account of sickness, or other cause, and retains his place in his class, must pay full bills during such absence, save the charge for heating.

Students who at their own request are permitted to room alone will be charged the full rent of the room.

The occupants of each room are held accountable for any damage done to their room. The rooms in the College are secured to the students during term time only, and must be vacated at the close of the third term.

During summer vacation they will be put in order and expense charged to occupants. Students are permitted to take lodgings in town, but places in which they room or board must, in all cases, be subject to approval of the Faculty. If, however, any rooms in the College are left vacant, the rent of such rooms may be charged to those who room in town.

Gentlemen, rooming in the College, provide themselves with furniture and lights.

A diploma fee of \$5 is charged each student who receives certificate of graduation.

Board may be obtained in private families at prices ranging from \$3.00 to \$3.50 per week. Many of the students board in clubs, managed by themselves, in rooms furnished by the College, at prices ranging from \$1.75 to \$2.25 per week.

Other Expenses.—In the above no estimate is made for books, clothes, traveling, or other matters outside of the regular college expenses. These will vary according to the habits and circumstances of the student. There is also a small annual expense in the literary societies.

Funds of students may be deposited with some member of the Faculty as patron, with whom the student can feel free to counsel in matters of expenditure. Funds thus received by him will be disbursed in accordance with instructions he may receive from the parent or guardian. Such an arrangement is recommended to parents in case of minors.

BENEFICIARY FUND.

This fund, arising from the contributions of benevolent friends, and the interest of loans to students, is used to aid young men of limited means who are preparing for the ministry. The money is loaned to them

at three per cent. interest, on their notes, payable after graduation, and thus becomes available, in time, for the aid of others. As the cases of this description, in which a small amount of help may prove of incalculable benefit, are more numerous than the fund affords the means of helping, donations to it, in money or scholarships, are earnestly solicited. They may be forwarded to Prof. H. C. Whiting, Ph. D., Treasurer of the Fund.

ENDOWED SCHOLARSHIPS.

The trustees have authorized the founding of endowed scholarships of ONE THOUSAND DOLLARS EACH, whose object is to aid in extending the privileges of the College to young men of promise, otherwise unable to command them.

I. Such scholarships may be constituted as follows :

1. The donor of each scholarship shall have the privilege of naming it, and of prescribing the conditions on which it shall be awarded.

2. Scholarships may be maintained by the annual payment of sixty dollars, as interest, until the principal sum of one thousand dollars is paid. They lapse, of course, when the interest fails, unless the principal sum has been paid.

3. Churches contributing one thousand dollars each may, if they desire it, place upon that foundation the sons of their ministers, or in lieu of that, may nominate some other candidate to receive its avails.

II. Their use shall be subject to the following regulations :

1. Whenever a scholarship becomes vacant, its income, during such vacancy, shall be at the disposal of the Board of Trustees.

2. Candidates for them must, in all cases, present testimonials of good moral character.

3. Those who are placed upon these scholarships must be fully prepared for admission to College, and when admitted, must conform to its laws and regulations.

The creation of such scholarships is very much to be desired. Many young men of excellent promise would, in this way, have the advantages of collegiate education brought within their reach. It may be doubted whether the same sum invested in any other way would accomplish equal good. We earnestly commend this opportunity of extending the usefulness of the College, and of affording perpetual help to worthy young men struggling to fit themselves for active life, to the favorable consideration of those who are concerned to do good with their means.

ATHLETIC FIELD.

During the past year a large field for out-door Athletic Sports, of five acres, within three minutes' walk of the *Campus*, was purchased by the Athletic Association of the College, recently incorporated. These grounds have been enclosed by a substantial fence, and with the opening of the Spring will be in condition for use. All facilities for lawn-tennis, base-ball, foot-ball, and kindred open-air sports will thus be within easy reach.

COLLEGE SOCIETIES.

OFFICERS OF THE ALUMNI ASSOCIATION.

President—Rev. CHARLES F. DEEMS, D.D., LL.D.

Vice-President—A. FOSTER MULLIN, Esq.

Secretary—Prof. O. B. SUPER, Ph. D.

Treasurer—WILBUR F. HORN, A.M.

Executive Committee—Prof. CHARLES F. HIMES, Ph. D.; EDWARD W. BIDDLE, Esq.; Rev. JOHN F. GOUCHER, D.D.; HENRY P. CANNON, Esq.; Hon. MARTIN C. HERMAN.

OFFICERS OF THE GENERAL BELLES LETTRES SOCIETY.

President—HENRY P. CANNON, Esq.

Vice-President—ROBERT P. LONG, M.D.

Recording Secretary—J. NEWTON RHOADS, A.M.

Treasurer—GEORGE P. STUBBS, M.D.

Corresponding Secretary—RALPH W. ILLINGWORTH.

Executive Committee—Prof. CHARLES F. HIMES, Ph. D.; Prof. AARON RITTENHOUSE, D.D.; DUNCAN M. GRAHAM, Esq.; A. J. HARBAUGH, Esq.; J. WEBSTER HENDERSON, Esq.

OFFICERS OF THE GENERAL UNION PHILOSOPHICAL SOCIETY.

President—Rev. CHARLES F. DEEMS, D.D., LL.D.

Vice-President—Gen. HORATIO C. KING.

Secretary—CHARLES W. M. BLACK, A.B.

Treasurer—WILBUR F. HORN, A.M.

Executive Committee—Rev. GEORGE E. REED, D.D., LL.D.; Rev. DAVID H. CARROLL, D.D.; Rev. T. SNOWDON THOMAS; A. D. BACHE SMEAD, Esq.

OFFICERS OF THE PHI BETA KAPPA SOCIETY.

President—Prof. HENRY C. WHITING, Ph.D.

Vice-President—Prof. AARON RITTENHOUSE, D.D.

Secretary—Prof. WILLIAM K. DARE, A.M.

Treasurer—Prof. JAMES H. MORGAN, A.M.

Orator (for 1889)—Hon. STEWART L. WOODFORD,
LL.D.

OFFICERS OF THE COLLEGE YOUNG MEN'S CHRISTIAN ASSOCIATION.

President—FRANK W. CROWDER.

Vice-President—GEORGE E. MILLS.

Corresponding Secretary—RALPH W. ILLINGWORTH.

Recording Secretary—FRANK MOORE.

Treasurer—AUGUSTUS S. FASICK.

DEPARTMENT OF LAW.

DICKINSON LAW SCHOOL.

At the adjourned meeting of the Board of Trustees of the College, held in Philadelphia, Thursday, Jan. 9th, 1890, the President and Executive Committee of the College were unanimously authorized to reëstablish the Law School formerly existing in connection with the College, under the supervision of that eminent jurist, the late Judge Reed.

In pursuance of this authorization active measures have been instituted to establish a *School of Law*, which its founders propose shall be equal to any now existing, in point of equipment, and with respect to facilities for study in this important department.

In a few days application for a charter will be made, and it is hoped that by the opening of the College Year 1890-91 arrangements will have been completed for the formal reopening of the famous school from which were graduated so many who have won distinction in the honored profession of the law.

The following eminent men are of those who will serve as Incorporators of the School:—

REV. GEORGE EDWARD REED, D.D., LL.D., President of Dickinson College.

HON. JAMES A. BEAVER, LL.D., Governor of Pennsylvania.

HON. ANDREW G. CURTIN, LL.D., Ex-Governor of Pennsylvania.

HON. HENRY M. HOYT, LL.D., Ex-Governor of Pennsylvania.

HON. ROBERT E. PATTISON, LL.D., Ex-Governor of Pennsylvania.

HON. JOSEPH D. BEDLE, Ex-Governor of New Jersey.

HON. DANIEL AGNEW, LL.D., late Chief Justice of Supreme Court, Pennsylvania.

HON. JAMES P. STERRETT, Justice of Supreme Court, Pennsylvania.

- HON. CHARLES P. STONE, Secretary of the Commonwealth, Pennsylvania.
- HON. J. B. SIMONTON, President Judge, 12th Judicial District.
- HON. A. O. FURST, President Judge, 49th Judicial District.
- HON. JOHN STEWART, President Judge, 39th Judicial District.
- HON. J. N. ERMENTROUT, President Judge, 23d Judicial District.
- HON. GUSTAVE ENDLECH, Judge, 23d Judicial District.
- HON. HOWARD J. REEDER, President Judge, 3d Judicial District.
- HON. WILBUR F. SADLER, President Judge, 9th Judicial District.
- HON. M. C. HERMAN, late President Judge, 9th Judicial District.
- HON. DAVID WILLS, late President Judge, 42d Judicial District.
- HON. H. S. McCORMICK, Williamsport; Member of Congress.
- HON. JOHN CESSNA, Bedford; Ex-Member of Congress.
- HON. JOHN B. STORM, Stroudsburg; Ex-Member of Congress.
- HON. S. P. WOLVERTON, Sunbury; State Senator.
- HON. J. W. LEE, Franklin; State Senator.
- HON. GEORGE B. ORLADY, Huntingdon.
- THOMAS BEAVER, Esq., Danville.
- W. P. ORBISON, Esq., Huntingdon.
- COL. JOHN A. WRIGHT, Philadelphia.
- COL. GEORGE H. STEWART, Shippensburg.
- HON. JOHN HAYS, Carlisle.
- GEN. A. B. SHARPE, Carlisle.
- J. HERMAN BOSLER, Esq., Carlisle.
- COL. T. B. KENNEDY, Chambersburg.
- HON. L. W. HALL, Harrisburg.
- HON. A. K. McCLURE, Philadelphia.
- HON. RUFUS SHAPLEY, Philadelphia.
- CHAS. W. McKEEHAN, Esq., Philadelphia.
- W. C. ALLISON, Esq., Philadelphia.
- HON. WILLARD SAULSBURY, Chancellor, Delaware.
- HON. N. B. SMITHERS, Ex-Member Congress, Delaware.
- HON. CHARLES B. LORE, Ex-Member Congress, Delaware.
- HON. JOHN A. J. CRESWELL, Maryland; Ex-Postmaster-General.
- HON. LOUIS E. McCOMAS, Maryland; Member of Congress.
- HON. JACOB TOME, Maryland; Ex-State Senator.
- HON. E. BOYD FAULKNER, West Virginia.

Major HOLMES CONRAD, Winchester, Virginia.
T. C. McCARTER, Esq., Newark, N. J.
Hon. FRANCIS PUTNAM STEVENS, Baltimore.
Hon. HUGH L. BOND, Baltimore; Judge U. S. Court.
Hon. JAMES N. ROBINSON, Maryland; Judge Court of Appeals.
Hon. D. L. RHONE, Pennsylvania; Judge, Orphans' Court, 11th District.
Col JAMES YOUNG, Middleton.
Col. W. W. JENNINGS, Harrisburg.
Hon. THOMAS W. MURRAY, Clearfield.
Gen. CLINTON B. FISK, New York City.
CHARLES H. MULLIN, Esq., Mt. Holly Springs.

To the above other names will be added before the incorporation of the School.

Of the formal organization, and opening of the School, ample notice will be given through the columns of the Press, and through other modes of communication.

DICKINSON
PREPARATORY SCHOOL

Dickinson College, Carlisle, Pa.

1889-1890.

FACULTY:

GEORGE EDWARD REED, D.D., LL.D.,
President, *ex officio*.

WILLIAM K. DARE, A.M., *Principal*,
Latin and Mathematics.

FRANK T. BAKER, A.M.,
Greek and Mathematics.

CHARLES W. M. BLACK, A.B.,
English and Mathematics.

LYMAN J. MUCHMORE, A.M.,
Director in Physical Training.

STUDENTS.

SENIOR CLASS.

NAME.	RESIDENCE.	ROOM.
Bosler, Frank,	<i>Carlisle</i> ,	Mrs. J. W. Bosler's.
Brines, William P.,	<i>Philadelphia</i> ,	11 S. C.
Derland, Grace C.,	<i>Boiling Springs</i> ,	Mr. A. Derland's.
Hays, Raphael,	<i>Carlisle</i> ,	Mr. John Hays'.
Horn, Laura,	<i>Carlisle</i> ,	Dr. W. F. Horn's.
Hoover, Talbot,	<i>Hoguestown</i> ,	Mr. Geo. Hoover's.
Landis, Norman,	<i>Carlisle</i> ,	Capt. J. B. Landis'.
Miller, J. Frank,	<i>Baltimore</i> ,	22 S. C.
McGaw, Edgar,	<i>Philadelphia</i> ,	Mr. J. McGaw's.
McNeil, Walter G.,	<i>Baltimore</i> ,	22 S. C.
Noble, Howard,	<i>Upton</i> ,	9 S. C.
Palmer, William,	<i>Washington, D. C.</i> ,	15 E. C.
Sadler, Louis,	<i>Carlisle</i> ,	Judge W. F. Sadler's.
Stayman, Joseph W.,	<i>Shiremantown</i> ,	Mr. J. B. Stayman's.
Tait, J. Alfred,	<i>New York City</i> ,	10 E. C.
Zeamer, Maud,	<i>Carlisle</i> ,	Mr. J. B. Zeamer's.

MIDDLE CLASS.

Bertolette, John,	<i>Mauch Chunk</i> ,	10 S. C.
Biggs, Charles S.,	<i>Elk Garden, W. Va.</i> ,	2 S. C.
Bosler, Clinton,	<i>Carlisle</i> ,	Mrs. J. W. Bosler's.
Brandt, Charles E.,	<i>Newville</i> ,	4 S. C.
Earp, Edwin,	<i>Savage, Md.</i> ,	11 S. C.
Frederick, Silas C.,	<i>Parkton, Md.</i> ,	9 S. C.
Fisher, Amy,	<i>Carlisle</i> ,	Mrs. E. Fisher's.
Justice, Harry,	<i>Swedesboro', N. J.</i> ,	10 S. C.
Jones, Frank M.,	<i>Georgetown, Del.</i> ,	16 S. C.
Kuster, Amelia,	<i>Carlisle</i> ,	Mr. H. J. Kuster's.
Larish, E. Harry,	<i>Berwick</i> ,	18 S. C.
Lincoln, Rufus,	<i>Laurelton</i> ,	1 S. C.

NAME.	RESIDENCE.	ROOM.
Longsdorff, Persis,.....	<i>Carlisle</i> ,.....	Dr. W. H. Longsdorff's
Rebert, Edgar,.....	<i>Sterret's Gap</i> ,.....	6 S. C.
Rebert, Mary,.....	<i>Sterret's Gap</i> ,.....	Miss Huston's.
Richards, Robert H.,.....	<i>Georgetown, Del.</i> ,.....	16 S. C.
Stonesifer, Charles,.....	<i>Carlisle</i> ,.....	Mr. W. H. Stonesifer's.
Todd, Samuel,.....	<i>Baltimore</i> ,.....	7 S. C.
Wetzel, Frank,.....	<i>Carlisle</i> ,.....	Mr. John Wetzel's.

JUNIOR CLASS.

Armour, Thomas,.....	<i>Philadelphia</i> ,.....	10 S. C.
Bechtel, George,.....	<i>Roxbury</i> ,.....	7 S. C.
Boyer, William H.,.....	<i>Carlisle</i> ,.....	Mr. Philip Boyer's.
Clayton, Julius,.....	<i>Mt. Pleasant, Del.</i> ,.....	30 E. C.
Copper, E. K.,.....	<i>Worton, Md.</i> ,.....	Woodward's.
Coulbourn, Joseph M.,.....	<i>Seaford, Del.</i> ,.....	10 S. C.
Craigie, Wallace.....	<i>Fort Yates, Dak.</i> ,.....	Mrs. D. J. Craigie's.
Davis, Thomas W.,.....	<i>Lykens</i> ,.....	7 S. C.
Hemminge, G. Reverdy,.....	<i>Carlisle</i> ,.....	Dr. Hemminge's.
Hepburn, Louis,.....	<i>Carlisle</i> ,.....	Mr. S. Hepburn's.
Herman, Adair,.....	<i>Carlisle</i> ,.....	Judge Herman's.
Hickok, Bracy S.,.....	<i>Bethel, Conn.</i> ,.....	13 S. C.
Hile, William H.,.....	<i>Philadelphia</i> ,.....	15 S. C.
Hitchins, Emery,.....	<i>Frostburg, Md.</i> ,.....	6 S. C.
Hockman, Harry E.,.....	<i>Waynesboro'</i> ,.....	8 S. C.
Houlton, George W.,.....	<i>Davidsonville, Md.</i> ,.....	12 S. C.
Kistler, Sarah,.....	<i>Carlisle</i> ,.....	Rev. John Kistler's.
Kremer, Brainerd.....	<i>Carlisle</i> ,.....	Mr. Brainerd Kremer's.
Lake, Claudius C.,.....	<i>Eureka, Kan.</i> ,.....	15 S. C.
Leavens, William A.,.....	<i>Brooklyn, N. Y.</i> ,.....	14 S. C.
Landis, Merkel,.....	<i>Carlisle</i> ,.....	Capt. J. B. Landis'.
Layton, Philip,.....	<i>Bridgeville, Del.</i> ,.....	4 S. C.
Luckenbach, Frederick J.,.....	<i>Brooklyn, N. Y.</i> ,.....	E. C.
Miller, Thomas B.,.....	<i>New Haven, Conn.</i> ,.....	19 S. C.
Miller, William H.,.....	<i>Tannersville</i> ,.....	18 S. C.
Mix, Charles W.,.....	<i>New Haven, Conn.</i> ,.....	17 S. C.
Morse, John F.,.....	<i>New Haven, Conn.</i> ,.....	19 S. C.

NAME.	RESIDENCE.	ROOM.
Mullin, Charles,.....	<i>Mt. Holly,.....</i>	Mr. Foster Mullin's.
Norwood, Walter N.,.....	<i>Libertytown, Md.,.....</i>	12 S. C.
Price, John Huyler,.....	<i>New York,.....</i>	4 S. C.
Reese, Ralph,.....	<i>Chesapeake City, Md.,.....</i>	30 E. C.
Robinson, William,.....	<i>Brooklyn,.....</i>	14 S. C.
Sadler, Sylvester,.....	<i>Carlisle,.....</i>	Judge Sadler's.
Shipe, Walter,.....	<i>Bunker Hill, W. Va.,</i>	Woodward House.
Smith, Joseph W.,.....	<i>Belden,.....</i>	Mrs. J. Smith's.
Smith, George,.....	<i>Brooklyn, N. Y.,.....</i>	17 S. C.
Strain, Hugh,.....	<i>Philadelphia,.....</i>	21 S. C.
Tanner, James,.....	<i>Georgetown, D. C.,.....</i>	13 S. C.
Taylor, Harry M. J.,.....	<i>Baltimore, Md.,.....</i>	4 S. C.
Thomas, Frederick,.....	<i>Hummelstown,.....</i>	1 S. C.
Thomas, Asher D.,.....	<i>Ely, N. J.,.....</i>	Woodward House.
Waynant, George,.....	<i>Waynesboro',</i>	8 S. C.

REPRESENTATION.

COLLEGE.

Pennsylvania.....	66
Maryland.....	29
New York.....	5
Delaware.....	5
New Jersey.....	4
District of Columbia.....	2
Missouri.....	1
Ohio.....	1

PREPARATORY SCHOOL.

Pennsylvania.....	43
Maryland.....	11
New York.....	6
Delaware.....	5
Connecticut.....	4
New Jersey.....	2
West Virginia.....	2
District of Columbia.....	2
Kansas.....	1
Dakota.....	1

COURSE OF STUDY.

CLASSICAL COURSE, JUNIOR YEAR.

- LATIN.—Beginner's Latin, with Grammar (Collar and Daniell). Cæsar, Books II and III (Allen and Greenough).
 MATHEMATICS.—Arithmetic (Wentworth). Algebra (Wentworth).
 ENGLISH.—English Grammar (Fewsmith). English Composition Punctuation. Use of Capitals. Figures of Speech. Transformation of Sentences. Paraphrasing. Analysis (Chittenden).
 HISTORY.—U. S. History (Johnston). History of Rome (Barnes). Modern Geography (Harper).

MIDDLE YEAR.

- LATIN.—Cæsar, Book I. Cicero (Eight Orations) (Allen and Greenough). Reading at sight.
 GREEK.—Grammar Exercises (Goodwin). Greek Lessons. Elementary Composition (Frost). Anabasis, Book I (Goodwin).
 MATHEMATICS.—Algebra (Through Quadratics and including Arithmetical and Geometrical Progression) (Wentworth).
 ENGLISH.—Hawthorne's House of the Seven Gables. Ruskin's Sesame and Lilies. Eliot's Silas Marner. Lowell's Vision of Sir Launfal.
 HISTORY.—History of Greece (Barnes). Ancient Geography (Tozer).

SENIOR YEAR.

- LATIN.—Virgil's Æneid (Six Books) (Allen). Virgil's Eclogues (or equivalent amount of Ovid). Reading at sight. Latin Prose (Allen).
 GREEK.—Anabasis, Books II, III, IV (Goodwin). Homer, Books I, II, III (Boise). Greek Prose (Jones). Reading at sight.
 MATHEMATICS.—Geometry (Five Books) (Wentworth). Algebra (reviewed).
 ENGLISH.—Shakespeare's Julius Cæsar. Shakespeare's Macbeth. Longfellow's Evangeline. Coleridge's Ancient Mariner.
 HISTORY.—History of England (Montgomery). Mythology (Edwards).

OTHER COURSES.

The Latin-Scientific Course is the same as the Classical Course, with the exception of Greek, which is omitted. In the Modern Language Course no Greek is required, and the Latin requirements are limited to four books of Cæsar. In other respects it is the same as the Classical Course.

DICKINSON PREPARATORY SCHOOL.

Dickinson Preparatory School was founded in 1783, in connection with the College, and as its special feeding-school. It did its assigned duty throughout the first half century of the College and when, in 1833, the latter was re-organized, under control of the Methodist Episcopal Church, the School was retained as a part of the re-organized institution. In 1869, it was discontinued, with the expectation that the various seminaries of the Church would furnish a sufficient number of students. The result did not justify the change, and in 1877, the Trustees instructed the Faculty to re-organize it. The School is not an organic part of the College but is under the immediate supervision of the President of the College. Its success for the past twelve years has been marked. Within the last two years its numbers have doubled, and the outlook for the future is very promising. Because of the territory from which it draws its patronage, and since it is exclusively devoted to College preparatory work, it is not, in any appreciable degree, a rival to the Seminaries, which are, with it, the feeding-schools of the College.

LOCATION.

The School is located in the Cumberland Valley, so justly noted for its beauty, fertility and healthfulness, less than an hour's ride from Harrisburg. The latter city is easily accessible from all points.

NEW BUILDING.

For the accommodation of the Preparatory School, South College, for many years in exclusive use of the Scientific Department of the College, has been remodeled and enlarged. In appearance, the building has been thoroughly renewed, while the internal modifica-

tions made have had the single aim of furnishing lecture-room and dormitory accommodations of the best character, the latter necessitating the addition of a story to the building. In view of this provision, all pupils of the school are required to lodge therein, unless for satisfactory reason it be, in any case, specially arranged otherwise. Boarding may be obtained in private boarding houses, approved by the authorities of the School, or in clubs managed by the students, *in which the cost of boarding is materially decreased.*

STEAM HEAT.

During the past year steam has been introduced into all rooms of the building. The risk of fire is thus lessened and the rooms made much more comfortable.

ADMISSION TO THE SCHOOL.

No entrance examination is required, but the student will be expected to be proficient in spelling, the rudiments of English Grammar and Arithmetic, and in the writing of easy English.

Students are received at any time during the year, though entrance at the beginning of a term is, for many reasons, desirable. They should be in Carlisle at least one day earlier than the day appointed for the beginning of the Fall session, and promptly on hand at the opening of each subsequent term.

SUPERVISION.

The Teachers room in the School Building with the students and have personal oversight. The contact of teacher and pupil is so constant and intimate, that the harmful or chronically indolent pupil is soon discovered, and unless he can be quickly trained into other habits, he is removed. On the other hand, every effort

is made to inspire a love of work, and to cultivate habits of continuous and independent study.

Parents are urged not to furnish, or permit others to furnish, their sons with an undue amount of money. If experience teaches anything, it is, that students are thus demoralized. Young students should have a patron, usually the Principal, whose duty it shall be to manage their finance and render an account to the parent or guardian.

All students are required to conform strictly to the hours, rules and general regulations of the school. These are the usual rules of schools of similar grade.

COURSES OF STUDY.

The Courses of Study have been given above. In connection with these, it may be said that while the curriculum extends over three years, this does not prevent a pupil from entering at any point in the course, provided satisfactory examinations are passed on the work preceding. Students desiring to prepare for a Scientific or Technical School, may supplement the work done in the Preparatory School by one or two years in College, where are ample facilities for such purpose. In all the departments, our methods of teaching aim at removing from the mind of the student the erroneous notion that he comes to the lecture-room to recite, but rather at discovering what he does not know or does not clearly understand. Particularly in Mathematics is this method followed, every rule being challenged and traced to its fundamental principles.

EXPENSES.

	Fall Term.	Winter and Spring Term.
School Bill (including Tuition, Room rent, Heat, Janitor's services, Gymnasium).....	\$27 00	\$54 00
Board in Students' Clubs, \$1.50 to \$2.00 per week	\$18 or 24 00	\$57 or 76 00
Board from \$2.75 to \$3.50 per week.....	\$34 or 49 00	\$66 or 87 00
Washing	5 00	10 00
Light.....	1 00	3 00

From the above summary, it will be seen that all necessary expenses, exclusive of furniture, books, traveling, &c., are from \$160 to \$240 per scholastic year. The lower figure includes board in the students' club, where the associations are pleasant, and the boarding very good.

Students not rooming in the School Building are charged \$20 for the Fall Term, and \$40 for the Winter and Spring Term. This includes all charges.

THE STUDY OF ENGLISH.

Secondary schools are awakening to the fact that the study of English has been too much neglected. The Colleges are taking action in the matter and are making the requirements in this department more rigid. We have given careful attention to this subject and purpose to make a specialty of it in the future. During the current year, in addition to a study of Chittenden's Composition, the classes will have read and carefully studied George Eliot's *Silas Marner*, Ruskin's *Sesame and Lilies*, Hawthorne's *House of the Seven Gables*, Shakespeare's *Hamlet*, *Merchant of Venice*, *Macbeth*, and Coleridge's *Ancient Mariner*. Literary exercises will also give opportunity for additional work in this line.

PRIZES.

The Reed prize, of twenty-five dollars, is offered to the graduate of any preparatory school who passes the best entrance examination for Dickinson College. In 1889, this prize was taken by Mervin G. Filler, a graduate of Dickinson Preparatory School. The Preparatory School prize of twenty dollars is given to the graduate from the Dickinson Preparatory School who shall pass the best examination for entrance to Dickinson College. In case a student from the Preparatory School takes the Reed

prize, the former prize will be awarded to the student from the Preparatory School who shall pass the second best examination.

LIBRARY AND READING ROOM.

The Libraries, the privileges of which are available to students of the Preparatory School, under established regulations, consist of three distinct collections, nearly equal in size—that of the College proper, which is exceedingly rich in old volumes and in reference books, and the libraries of the two Societies, accumulated by them during the century of their existence. These latter are adapted to the wants and tastes of the students, and are increased by purchases made by the Societies. The total number of volumes is 30,828.

The Reading Room is in Memorial Hall. It is furnished with the best of reading-room appliances, in a room which lacks nothing to make it pleasant and attractive. Its files have been supplied with a fair representation of the great secular dailies, religious weeklies and best periodicals, thus enabling the students to keep familiar with the drift of daily events and to have access to much of the best current literature.

LECTURES.

The students of the Preparatory School have the privilege of attending the public lectures given under the auspices of the College. The course of the coming year promises to be of unusual interest.

GYMNASIUM.

Students of schools of a similar grade seldom have access to so fine a gymnasium and to one so splendidly equipped in every detail, and few are so fortunate as to

receive the benefit of the training of a so careful and experienced physical instructor. The office of the Director is supplied with the best of instruments for ascertaining, by measurements, and by testing the vital organs, the condition of each student. Such examination at the outset, and its repetition at intervals later in the course, furnish data for judiciously adapting exercises to individual peculiarities and to changing conditions, and hence for promoting symmetrical development.

The gymnasium furnishes ample accommodation to meet all the modern demands for physical training. The main hall, seventy-five feet in length by forty in width, is flanked on the eastern and western extremities by wings, the western wing in dimensions eighty-four feet by twenty, contains the bowling alleys, and the eastern, sixty feet by twenty, is on the first floor, appropriated to office purposes, and on the second to bathing and dressing-room accommodations.

It has a running gallery, two hundred and thirty-five feet in length, bath rooms, dressing rooms and office. The equipment proper embraces a complete supply of the latest and most approved results of invention and mechanical skill for giving effect to the suggestions of medical science for securing harmonious physical developments.

The students of the Preparatory School are regularly drilled twice per week and have general practice in gymnasium four times per week. The physical instructor is always present and is careful to see that nothing hazardous is attempted.

ATHLETIC FIELD.

Within five minutes walk of the school is the Athletic Field, lately purchased by the Athletic Association, affording every opportunity for recreation and outdoor physical exercise.

ADMISSION TO COLLEGE.

As the examinations of the Preparatory school are made under the supervision of the Faculty, students passing satisfactorily on the studies required for admission to the Freshman class will be received without further examination.

NECROLOGY.

ANDREW B. CROSS.

Class of 1829.

Born November 12, 1810, in Baltimore, Md.

Entered Dickinson College, but afterwards withdrew and was graduated at Princeton in 1831. Studied at Princeton Theological Seminary, and in 1837 was ordained by the Presbytery of Baltimore within whose bounds he spent his life. As an editor and preacher he was prominent in the temperance and anti-slavery movements. He died in the autumn of 1889.

ALFRED CREIGH, LL.D.

Class of 1830.

Born December 16, 1810, in Landisburg, Perry Co., Pa. Studied medicine and removed early to Washington, Pa., where he died May 2, 1889.

He was a prominent Mason, and was the author of several works on the subject of Masonry. He also wrote several local histories.

FREDERICK WATTS, LL.D.

Class of 1819.

Born in Carlisle, Pa., May 9, 1801.

Entered the college about 1816, but was never graduated, owing to the suspension of the college. Was admitted to Carlisle bar in 1824. In 1845 he was elected President of the Cumberland Valley Railroad, and held the office twenty-six years. From 1849 to 1852 he was President Judge of the Ninth Judicial District of Pennsylvania. In 1871 he was appointed United States Commissioner

of Agriculture, and held the office for six years. After this he lived in retirement in Carlisle, where he died August 17, 1889.

For several years previous to his death he was, perhaps, the oldest man who had ever been in any way connected with the college.

REV. JOSEPH ALEXANDER MURRAY, D.D.

Member of the class of 1838.

Born October 2, 1815, in Carlisle, Pa.

1837, Graduated A.B. at Western University of Pennsylvania.

1840, Graduated at Western Theological Seminary, Allegheny City, Pa.

1840, Licensed to preach by the Presbytery of Ohio, and supplied the church at Marion, Ohio.

1842-1858, Pastor at Monaghan (Dillsburg, Pa.), and Petersburg, Pa., and then retired and resided at Carlisle, Pa., without regular charge.

Died November 27th, 1889, at his residence in Carlisle, Pa.

At the time of his death he was a member of the Presbytery of Carlisle, and first on the list as longest connected with it.

He was repeatedly a member of the General Assembly of the Presbyterian Church, and for a number of years a member of the Board of Directors of the Western Theological Seminary.

Outside of his theological studies he was specially interested in antiquarian and historical research, and had accumulated much valuable material.

He was a member of the American Philosophical Society, Philadelphia, of the Historical Society of Pennsylvania, Philadelphia, and a corresponding member of the Numismatic and Antiquarian Society of the same city.

E. C. WADHAMS.

Class of 1846.

Born at Plymouth, Pa., July 17, 1825.

Graduated at the University of the City of New York in 1847.

Engaged in business in Plymouth, Pa., until 1873, when he removed to Wilkesbarre.

Was elected State Senator in 1876.

Was a Sunday School Superintendent for 31 years, and in 1888 delegate to the General Conference.

Died in Wilkesbarre, January 18, 1889.

SAMUEL HENRY REYNOLDS

Class of 1850.

Born November 20, 1832, in Columbia Co., Pa.

Studied law, and in 1853 was admitted to the bar in Bellefonte, Pa. Subsequently removed to Lancaster, Pa., and in 1872 was a member of the Constitutional Convention of Pennsylvania.

Died in Lancaster, September 11, 1889.

THOMAS GREEN CHATTLE.

Class of 1852.

Born March 29, 1834, at Green's Pond, Warren Co., N. J. Studied medicine in Philadelphia, where he received the degree of M.D. in 1854. He taught a year in Pennington Seminary, and then began the practice of medicine in Trenton, N. J. From 1856 to 1863 he was superintendent of schools in Ocean Township, Monmouth Co., N. J. In 1882-3 he was member of the Assembly, and in 1884 State Senator. He died of paralysis at Long Branch, N. J., October 20, 1889. From 1867 to period of death, a trustee of Dickinson College.

THOMAS WILSON.

Class of 1855.

Born in Cumberland Co., Pa. Taught in Luzerne Co., Pa., for some years, and afterwards in Tennessee and Kentucky. Returned to Carlisle, where he died January 5, 1890.

JOSEPH BENSON AKERS.

Class of 1858.

Born February 3, 1829, in Akersville, Fulton Co., Pa. After graduation he joined the East Baltimore Conference. At the formation of the Central Pennsylvania Conference, he fell within its territory and was a member of it until his death. In 1871 he was, for a short time, principal of Catawissa Seminary. In 1889 he became superannuated and removed to Bellwood, Blair Co., Pa., where he died October 27, 1889.

WILLIAM MILLER OGILBY.

Class of 1862.

Born November 24, 1842, in Carlisle, Pa. Engaged in business in Carlisle, and afterwards removed to Chicago, where he was a member of the Board of Trade. Returned to Carlisle where he died May 28, 1889.

MARSHALL SYLVESTER MUTCHLER.

Class of 1875.

Taught for a time in Maryland, studying law at the same time. Admitted to the bar in 1876, he began the practice of law in Greensboro, Md. Removed to Denton, Md., in 1878, and was, for a time, editor of the *Caroline Democrat*. Since 1883 he was State's Attorney for Caroline Co., Md. Died in Philadelphia, Pa., September 21, 1889.

LEROY WILLIS MAGEE.

Class of 1885.

Born March 9, 1860, in Montgomery Co., Pa. After graduation he joined the Philadelphia Conference, of which he was a member at the time of his death, which took place October 28, 1889, in Denver, Colo., whither he had gone in search of health.

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